

P_HPuC...P°PSC-P·Pj PrC-C—, P†PḰ-PḥP>P†PŷP·P PjP°C” P°PrPëC,PëPIPSPëPNᅇ
CǦPëPSPuCTḤPiC-C‡PSPëPNᅇ PuC,,PuPeC, PrPIPsC... P°PSC,PëPic-PṑPuCTḤ,PuPSP·PëPIPSPëC...

PePsPjPiPsPSPμPSC,C-PI.

РѢРμC...P°PSC-P·Pj PrC-C— PiPμCђPёPSPPrPsPiCђPёP»Cf. РμPμCђPёPSPPrPsPiCђPёP» вђ“
C-PSPiC-P±C-C,PsCђ PђPμPα, C%oPs PiPμCђPμC,PIPsCђCђC” P°PSPiC-PsC,РμPSP·PёPS P† PI
P°PSPiC-PsC,РμPSP·PёPS P†P† (CfCfPrPёPSPsP·PICrP¶CfPIP°P»CHbPSCr
CfCfP±CfC,P°PSC†C-Cђ), PrPsPrP°C,PePsPIPs CfC,PёPjCfP»CђC” CfPμPeCђPμC†C-Cђ
P°P»CHbPrPsCfC,РμCђPsPSCr PePsCђPsCђ PSP°PrPSPёCђPePsPIPёC... P·P°P»PsP· C,P°
CђPsP·PiP°Pr P±CђP°PrPёPeC-PSC-PSCr (PIP°P·PsPrPёP»P°C,CfCђC†PsC—
CfCfP±CfC,P°PSC†C-C—) PrPs PSPμP°PeC,PёPIPSPёC... PiPμPiC,P°PiPμPiC,PёPrC-PI.
P†PSPiC-P±CfPIP°PSPSCђ PђPμPα PiCђPёP·PIPsPrPёC,CH PrPs: P·PSPёP¶PμPSPSCђ
CfPμPeCђPμC†C-C— P°P»CHbPrPsCfC,РμCђPsPSCr; PiC-PrPIPёC%oPμPSPSCђ
P°PeC,PёPIPSPsCfC,C- CђPμPSC-PSCr Cf PiP»P°P·PjC- PeCђPsPIC-, C,PsPrC- CђPe
P°P»CHbPrPsCfC,РμCђPsPS PSPμ C†PёPSPёC,CH PSPμPiP°C,PёPIPSPsPiPs PiP°P»PёPICr;
P·PjPμPSCёPμPSPSCђ P·P°PiP°P»CHbSPsPiPs PiPμCђPёC,,PμCђPёC†PSPsPiPs PsPiPsCђCf
CfCfPrPёPS P·P°PIPrCђPePё PiPμCђPμPIP°P¶P°CђC†PsPjCf PiPiP»PёPICr PSP° CfCfPrPёPSPё
Pjвђ™ CђP·C-PI C,P° PSPёCђPsPe; PiCђPё C†CHbPsPjCf PSPμ
CfPiPsCfC,РμCђC-PiP°C”C,CHCfCђ P·P°C,CђPёPjPePё PIPsPrPё C,P° CfPsP»PμPNё P°P±Ps
CђPμC,,P»PμPeC,PsCђPSPsC— C,P°C...C-PeP°CђPrC-C—, PSP°PIC-C,CH Cf CђP°P·C-
C,CђPёPIP°P»PsPiPs P»C-PeCfPIP°PSPSCђ. PhPeCђC-Pj C,PsPiPs, PiPμCђPёPSPPrPsPiCђPёP»
P·PSPёP¶CfC” P°CђC,РμCђC-P°P»CHbPSPёPNё C,PёCfPe (PђPђ) Cf PiP°C†C-C”PSC,C-PI C-P·
PSPsCђPjP°P»CHbPSPёPj C- PSPёP·CHbPePёPj CђC-PIPSμPj CђPμPSC-PSCr Cf PiP»P°P·PjC-
PeCђPsPIC-. РμPμCђPёPSPPrPsPiCђPёP» PrC-C” C†PμCђPμP· CfPIC-PNё P°PeC,PёPIPSPёPNё
PjPμC,P°P±PsP»C-C, PiPμCђPёPSPPrPsPiCђPёP»P°C,. P†PSCёC- PjPμC,P°P±PsP»C-C,Pё
PSPμP°PeC,PёPIPSC-. РμPμCђPёPSPPrPsPiCђPёP» P·PjPμPSCёCfC” CђPsP±PsC,Cf CfPμCђC†Cђ
C†PμCђPμP· PIP°P·PsPrPёP»P°C,P°C,PsCђPSCr PrC-Cђ PSP° PIPμPSPё (PjPsP¶P»PёPIPs,
C†PμCђPμP· P·PjC-PSPё Cf PjPμC,P°P±PsP»C-P·PjC- PiCђPsCfC,P°PiP»P°PSPPrPёPSC-PI) вђ“
P·PjPμPSCёPμPSPSCђ PiPμCђPμPrPSP°PIP°PSC,P°P¶PμPSPSCђ, C,P° C†PμCђPμP·
P·PjPμPSCёPμPSPSCђ P·P°PiP°P»CHbSPsPiPs PsPiPsCђCf PiPμCђPёC,,PμCђPёC†PSPёC...
CfCfPrPёPS вђ“ P·PjPμPSCёPμPSPSCђ PiPsCfC,PSP°PIP°PSC,P°P¶PμPSPSCђ PSP° CfPμCђC†Pμ.
P”PsCfP»C-PrP¶PμPSPSCђ, PiCђPsPIPμPrPμPSC- P· CfC†P°CfC,Cђ PiP°C†C-C”PSC,C-PI C-P·
CfPμCђC†PμPIPsCђ PSPμPrPsCfC,P°C,PSC-CfC,Cђ, PrPsPIPμP»Pё, C%oPs
P·P°CfC,PsCfCfPIP°PSPSCђ PiPμCђPёPSPPrPsPiCђPёP»Cf PiCђPёP·PIPsPrPёC,CH PrPs
P·PSPёP¶PμPSPSCђ C,PёCfPeCf PSP°PiPsPIPSμPSPSCђ P»C-PIPsPiPs C,P° PiCђP°PIPsPiPs
CёP»CfPSPsC†PeC-PI, P·PSPёP¶PμPSPSCђ P·P°PiP°P»CHbSPsPiPs PsPiPsCђCf
PiPμCђPёC,,PμCђPёC†PSPёC... CfCfPrPёPS, P·P±C-P»CHbCёPμPSPSCђ CfPμCђC†PμPIPsPiPs
PIPёPePёPrCf C,P° PiPsPeCђP°C%oPμPSPSCђ CfPμCђC†PμPIPsPiPs C-PSPrPμPeCfCf,
P·P±C-P»CHbCёPμPSPSCђ CђPμPiC-PsPSP°P»CHbSPsPiPs PeCђPsPIPsC,PsPeCf Cf
Pjвђ™ CђP·P°C.... РμPsPeCђP°C%oCfCђC,CHCfCђ PiPsPeP°P·PSPёPePё C,РμCfC,C-PI C-P·
C,,C-P·PёC†PSPёPj PSP°PIP°PSC,P°P¶PμPSPSCђPj.

РѢРμC...P°PSC-P·Pj PrC-C— C-PSPrP°PiP°PjC-PrCf. P†PSPPrP°PiP°PjiPr вђ“ PiPsC...C-PrPSP°
CfCfP»CHbC,,PsPSP°PjC-PrCf P· C-PSPrPsP»PsPIPёPj PeC-P»CHbC†PμPj,
C,,P°CђPjP°PePsP»PsPiiC†PSPs CfPiPsCђC-PrPSPμPSP° P· C,iP°P·PёPrPSPёPjPё
PrC-CfCђPμC,PёPeP°PjPё. P†PSPPrP°PiP°PjC-Pr C-PSPiC-P±CfC” CђPμP°P±CfPsCђP±C†C-Cђ
PSP°C,CђC-Cђ Cf PePsCђC,PёPeP°P»CHbSPsPjCf CfPμPiPjPμPSC,C- PSPёCђPsPe. PiPμ
PiC-PrPIPёC%oCfC” PμPeCfPeCђPμC†C-Cђ PSP°C,CђC-Cђ C,P° C...P»PsCђPёPrC-PI C-
PjPμPSCёPsCђ PjC-CђPsCђ - PeP°P»C-Cђ C- PjP°PiPSC-Cђ C-P· CfPμC†PμCђ,
PiC-PrPIPёC%oCfCђC†Pё C,P°PePёPj C†PёPSPsPj CfPμC†PsPIPёPrC-P»PμPSPSCђ C,P°
P·P°P±PμP·PiPμC†CfCђC†Pё P°PSC,PёPiC-PiPμCђC,РμPSP·PёPIPSCr PrC-Cђ.

РαP°CђPjP°PePsPrPёPSP°PjC-C†PSC- PμC,,PμPeC,Pё. P†Pќ-PђP>P†PђP·P C†PёPSPёC,CH

PrPsP·PsP·P°P»PμP¶PSCř P°PSC,PëPiC-PiPμCĤC,PμPSP·PëPIPSCř PrC-CH PSP°
 CĤPëCĤC,PSP»C-C†PSPëPNë (PŸPhPŸ) C,P° PrC-P°CĤC,PSP»C-C†PSPëPNë (P°PhPŸ)
 P°CĤC,PμCĤC-P°P»CHBPSPëPNë C,PëCĤPe Cr PiP°C†C-C°PSC,C-PI P·
 P°CĤC,PμCĤC-P°P»CHBPSPsCĤ PiC-PiPμCĤC,PμPSP·C-C°CĤ P±CrPrCH-CĤPePsPiPs PIC-PeCr,
 CĤPeC- P·PSP°C...PsPrCĤC,CHCĤCĤ Cr PiPsP»PSP¶PμPSPSC- CĤPe P»PμP¶P°C†Pë, C,P°Pe C-
 CĤC,PSCCĤPë. PhPSC,PëPiC-PiPμCĤC,PμPSP·PëPIPSP° PrC-CĤ PiCĤPμPiP°CĤP°C,Cř
 C,CĤPëPIP°C” 24 PiPsPrPëPSPë. P—PSPëP¶PμPSPSCĤ P°CĤC,PμCĤC-P°P»CHBPSPsPiPs
 C,PëCĤPeCr PrPsCĤCĤPiP°C”C,CHCĤCĤ PjPμPSC€ PSC-P¶ P·P° PsPrPëPS PjC-CĤCĤC†CH
 P±PμP· PIPëPSPëPePSPμPSPSCĤ C,P°C...C-C,,C-P»P°PeCĤC-C—; PiCĤPëPiPëPSPμPSPSCĤ
 P»C-PeCrPIP°PSPSCĤ PSPμ CĤPiCĤPëC†PëPSCĤC” CĤPëPSPrCĤPsPjCr PIC-PrPjC-PSPë. Pj
 C...PsPrC- PeP»C-PSC-C†PSPëC... PrPsCĤP»C-PrP¶PμPSCĤ PrPsPiPμPrPμPSPs, C%Ps
 PsPrPSPsC†P°CĤPSPμ PiCĤPëP·PSP°C†PμPSPSCĤ PiPμCĤPëPSPrPsPiCĤPëP»Cr C,P°
 C-PSPrP°PiP°PjC-PrCr CĤPiCĤPëC†PëPSCĤC” P°PSC,PëPiC-PiPμCĤC,PμPSP·PëPIPSCř PrC-CH
 CĤPëPSPμCĤPiC-C†PSPsPiPs PiPsC...PsPrP¶PμPSPSCĤ, CĤPeP° C” CĤPμP·CrP»CHC,P°C,PSPj
 PsPeCĤPμPjPëC... PμC,,PμPeC,C-PI CĤPeP»P°PrPsPiPëC... P»C-PeP°CĤCĤCHPePsPiPs
 P·P°CĤPsP±Cr.

PICXEL бĤ” P±P°PiP°C,PsC†PμPSC,CĤPsPiPμ CĤP°PSPrPsPjC-P·PsPIP°PSPμ PiPsPrPIC-PNëPSPμ
 CĤP»C-PiPμ PePsPSC,CĤPsP»CHBPSPiP°PSPμ PrPsCĤP»C-PrP¶PμPSPSCĤ, Cr C...PsPrC-
 CĤPePsPiPs P·P° CĤPμP·CrP»CHC,P°C,P°PjPë PμC...PsPeP°CĤPrC-PsPiCĤP°C,,C-C—
 PsC†C-PSCĤPiP°P»Pë PIPiP»PëPI PePsPjP±C-PSP°C†C-C— PiPμCĤPëPSPrPsPiCĤPëP»Cr C,P°
 C-PSPrP°PiP°PjC-PrCr PSP° PiC-PiPμCĤC,CĤPsC,,C-CĤ P»C-PIPsPiPs C€P»CrPSPsC†PeP°
 PiPsCĤC-PIPSCĤPSPs P· PμPSP°P»P°PiCĤPëP»PsPj Cr PjPsPSPsC,PμCĤP°PiC-C—. PJ C...PsPrC-
 PrPsCĤP»C-PrP¶PμPSPSCĤ PICXEL PiP°C†C-C°PSC,C-PI P· P°CĤC,PμCĤC-P°P»CHBPSPsCĤ
 PiC-PiPμCĤC,PμPSP·C-C°CĤ C,P° PiC-PiPμCĤC,CĤPsC,,C-C°CĤ P»C-PIPsPiPs C€P»CrPSPsC†PeP°
 (P· C-PSPrPμPeCĤPsPj PjP°CĤPë P»C-PIPsPiPs C€P»CrPSPsC†PeP° > 120 Pi/Pj² Cr
 C†PsP»PsPIC-PeC-PI C,P° > 100 Pi/Pj² Cr P¶C-PSPsPe) P±CrP»Ps CĤP°PSPrPsPjC-P·PsPIP°PSPs
 Cr PrPIC- PiCĤCrPiPë: PsPrPSP° PiCĤCrPiP° PiP°C†C-C°PSC,C-PI PiCĤPëPNëPjP°P»P° 2 PjPi
 PiPμCĤPëPSPrPsPiCĤPëP»Cr C,PμCĤC,P±CrC,PëP»P°PjC-PSCř (PμPePIC-PIP°P»PμPSC,PSPs
 2,5 PjPi PiPμCĤPëPSPrPsPiCĤPëP»Cr P°CĤPiC-PSC-PSCř)/0,625 PjPi C-PSPrP°PiP°PjC-PrCr,
 C-PSC€P° бĤ” 10 PjPi PμPSP°P»P°PiCĤPëP»Cr 1 CĤP°P· PSP° PrPsP±Cr PiCĤPsC,CĤPiPsPj
 CĤPsPeCr. P°PsP·Pë P±CrP»Ps P°PrP°PiC,PsPIP°PSPs PIC-PrPiPsPIC-PrPSPs PrPs
 PiPsPeP°P·PSPëPeC-PI P°CĤC,PμCĤC-P°P»CHBPSPsPiPs C,PëCĤPeCr (PhPŸ): PrPsP·Cr
 PiPμCĤPëPSPrPsPiCĤPëP»Cr C,PμCĤC,P±CrC,PëP»P°PjC-PSCř P·P±C-P»CHC€CrPIP°P»Pë PrPs
 8 PjPi (PμPePIC-PIP°P»PμPSC,PSPs 10 PjPi PiPμCĤPëPSPrPsPiCĤPëP»Cr P°CĤPiC-PSC-PSCř),
 C-PSPrP°PiP°PjC-PrCr бĤ” PrPs 2,5 PjPi, PμPSP°P»P°PiCĤPëP»Cr бĤ” PrPs 40 PjPi 1 CĤP°P· PSP°
 PrPsP±Cr. PμCĤPμPiP°CĤP°C,Pë Cr CĤC,P°CĤC,PsPIC-PNë PrPsP·C- PiCĤPsPrPsPIP¶PëP»Pë
 PiCĤPëPNëPjP°C,Pë 34 % PiP°C†C-C°PSC,C-PI Cr PiCĤCrPiC-
 PiPμCĤPëPSPrPsPiCĤPëP»Cr/C-PSPrP°PiP°PjC-PrCr (2 PjPi PiPμCĤPëPSPrPsPiCĤPëP»Cr C,P°
 0,625 PjPi C-PSPrP°PiP°PjC-PrCr) C,P° 20 % Cr PiCĤCrPiC- PμPSP°P»P°PiCĤPëP»Cr (10 PjPi).
 PŸPμCĤPμPr CrCĤC-C... CĤP°PSPrPsPjC-P·PsPIP°PSPëC... PiP°C†C-C°PSC,C-PI
 PSP°PiCĤPëPeC-PSC†C- P»C-PeCrPIP°PSPSCĤ C-PSPrPμPeCĤ PjP°CĤPë P»C-PIPsPiPs
 C€P»CrPSPsC†PeP° P·PjPμPSC€PëPICĤCĤ PrPsCĤC,PsPIC-CĤPSPs P±C-P»CHC€PsCĤ
 PjC-CĤPsCĤ Cr PiP°C†C-C°PSC,C-PI, CĤPeC- PsC,CĤPëPjCrPIP°P»Pë
 PiPμCĤPëPSPrPsPiCĤPëP»/C-PSPrP°PiP°PjC-Pr (бĤ”10,1 Pi/Pj²), PSC-P¶ Cr PiCĤCrPiC-
 PμPSP°P»P°PiCĤPëP»Cr (бĤ”1,1 Pi/Pj²). P C-P·PSPëC†CĤ PjC-P¶ PrPiPsPjP° PiCĤCrPiP°PjPë
 CĤC,P°PSPsPiPëP»P° бĤ”8,3 (95 % PrPsPIC-CĤC†PëPNë C-PSC,PμCĤPIP°P» [P°P†] PIC-Pr бĤ”11,5
 PrPs бĤ”5,0, p < 0,0001). PĤCĤP°C%PsPiPs PμC,,PμPeC,Cř C%PsPrPs P·PSPëP¶PμPSPSCĤ
 C-PSPrPμPeCĤCr PjP°CĤPë P»C-PIPsPiPs C€P»CrPSPsC†PeP° P±CrP»Ps PrPsCĤCĤPiPSCřC,Ps
 PiCĤPë PiCĤPëPNëPsPjC- PjP°PeCĤPëPjP°P»CHBPSPëC... PrPsP·
 PiPμCĤPëPSPrPsPiCĤPëP»Cr/C-PSPrP°PiP°PjC-PrCr (10 PjPi/2,5 PjPi).

PhC₇H₅C, P_μC₇H₅C-P°P»CH₃PSPëPN₂ C, PëC₇H₅C P±C-P»CH₃C€ P_μC,, P_μPeC, PëPIPSPs
P·PjP_μPSC€PëPIC₇Cl_μ C₇ P_iC₇H₅C₇PiC- P_iP_μC₇H₅PëPSP_rPsP_iC₇H₅PëP»C₇/C-PSP_rP°P_iP°PjC-PrC₇:
C₇H₅C-P·PSPëC₇Cl_μ C₇P_μC₇H₅P_rPSCH₃PsP_iPs P·PSPëP_μPSPSC₇Cl_μ PhP₇ PjC-P_μ PrPIPSPjP°
PiC₇H₅C₇PiP°PjPë PiP°C₇+C-C°PSC, C-PI C₇H₅C, P°PSPsPIPëP»P° B₇“5,8 PjPj C₇H₅C, C₇H₅C, (95 % P°P₇
PIC-Pr B₇“7,9 PrPs B₇“3,7, p < 0,0001) PrP»C₇Cl_μ P₇PhP₇ C, P° B₇“2,3 PjPj C₇H₅C, C₇H₅C, (95 % P°P₇
PIC-Pr B₇“3,6 PrPs B₇“0,9, p = 0,0004) PrP»C₇Cl_μ P°P₇PhP₇.

ADVANCE B₇“ PjC-P_μPSP°C₇H₅PsPrPSP_μ PjC₇P»CH₃C, PëC₇H₅C₇P_μPSC, C₇H₅PsPIP_μ
C₇H₅P°PSP_rPsPjC-P·PsPIP°PSP_μ PrPsC₇H₅P»C-PrP_μPSPSC₇Cl_μ P· P±C--
C,, P°PeC, PsC₇H₅C-P°P»CH₃PSPëPj (2×2) PrPëP·P°PN₂PSPsPj, C₇H₅PiC₇Cl_μPjPsPIP°PSP_μ PSP°
PIPëP·PSP°C₇H₅PSPSC₇Cl_μ PiP_μC₇H₅PiP°Pi P·PSPëP_μPSPSC₇Cl_μ P°C₇H₅C, P_μC₇H₅C-P°P»CH₃PSPsPiPs
C, PëC₇H₅C₇ C,, C-PëC₇H₅PsPIP°PSPsC₇H₅ PePsPjP±C-PSP°C₇+C-C°C₇H₅
PiP_μC₇H₅PëPSP_rPsPiC₇H₅PëP»C₇/C-PSP_rP°PiP°PjC-PrC₇ PiPsC₇H₅C-PIPSC₇Cl_μPSPs P· PiP»P°C₇H₅P±Ps
PSP° C, P»C- PiPsC, PsC₇H₅C— C₇H₅C, P°PSP_rP°C₇H₅C, PSPsC— C, P_μC₇H₅P°PiC-C—
(PiPsPrPIC-PN₂PSP_μ C₇H₅P»C-PiP_μ PiPsC₇H₅C-PIPSC₇Cl_μPSPSC₇Cl_μ) C, P° PiP_μC₇H₅PiP°Pi
C₇H₅C, C₇H₅P°C, P_μPiC-C— C-PSC, P_μPSC₇H₅PëPIPSPsPiPs PePsPSC, C₇H₅PsP»C₇H₅ PiP»C-PeP_μPjC-C—
(C₇H₅C-PIP_μPSCH₃ HbAlc ≤ 6,5 %) PSP° PsC₇H₅PSPsPIC- B«P°P»C-PeP»P°P·PëPrC₇MRB»
(B«P°P»C-P°P±P_μC, PsPSC₇H₅ MRB») PiPsC₇H₅C-PIPSC₇Cl_μPSPs P·C- C₇H₅C, P°PSP_rP°C₇H₅C, PSPëPj
PePsPSC, C₇H₅PsP»P_μPj PiP»C-PeP_μPjC-C— (PrPëP·P°PN₂PS PROBE
[PiC₇H₅PsC₇H₅PiP_μPeC, PëPIPSP_μ C₇H₅P°PSP_rPsPjC-P·PsPIP°PSP_μ PIC-PrPeC₇H₅PëC, P_μ
PrPsC₇H₅P»C-PrP_μPSPSC₇Cl_μ C-P· PIPëP·PSP°C₇H₅PSPSC₇Cl_μPj C₇H₅P»C-PiPëPj PjP_μC, PsPrPsPj)) P·P°
PIPiP»PëPIPSPj PSP° PsC₇H₅PSPsPIPSC- PjP°PeC₇H₅Ps- C, P° PjC-PeC₇H₅PsC₇H₅C₇PrPëPSPSC-
PiPsPrC-C— C₇ PiP°C₇+C-C°PSC, C-PI P· PrC-P°P±P_μC, PsPj P₇P₇ C, PëPiC₇. P_μP_μC₇H₅PIPëPSPSP°
PeC-PSC₇H₅PiP° C, PsC₇H₅PeP° C₇H₅PeP»P°PrP°P»P°C₇H₅ C-P· PsC₇H₅PSPsPIPSPëC...
PjP°PeC₇H₅PsPIP°C₇H₅C₇P»C₇Cl_μC₇H₅PSPëC... (PeP°C₇H₅PrC-PsPIP°C₇H₅C₇P»C₇Cl_μC₇H₅PSPëPN₂
P»P_μC, P°P»CH₃PSPëPN₂ PSP°C₇H₅P»C-PrPsPe, PSP_μP»P_μC, P°P»CH₃PSPëPN₂ C-PSC,, P°C₇H₅PeC,
PjC-PsPeP°C₇H₅PrP°, PSP_μP»P_μC, P°P»CH₃PSPëPN₂ C-PSC₇H₅C₇P»CH₃C,) C-
PjC-PeC₇H₅PsPIP°C₇H₅C₇P»C₇Cl_μC₇H₅PSPëC... (PSPsPIC- PIPëPiP°PrPePë P°P±Ps
PiPsPiC-C₇H₅C€P_μPSPSC₇Cl_μ PSP_μC,, C₇H₅PsPiP°C, C-C—, C₇H₅P_μC, PëPSPsPiP°C, C-C—) PiPsPrC-PN₂. Pj
PrPsC₇H₅P»C-PrP_μPSPSC- P±C₇H₅P°P»Pë C₇H₅C₇P°C₇H₅, CH₃ 11140 PiP°C₇+C-C°PSC, C-PI P·
PrC-P°P±P_μC, PsPj P₇P₇ C, PëPiC₇. Pj C₇H₅P_μC₇H₅P_rPSCH₃PsPjC₇ PIC-Pe PiP°C₇+C-C°PSC, C-PI
C₇H₅C, P°PSPsPIPëPi 66 C₇H₅PsPeC-PI, C-PSP_rP_μPeC₇ PjP°C₇H₅ C, C-P»P° (P₇PhP₇) 28 PePi/Pj²,
C, C₇H₅PëPiP°P»C-C₇H₅, CH₃ PrC-P°P±P_μC, C₇ B₇“ 8 C₇H₅PsPeC-PI, HbAlc 7,5 % C, P° P₇PhP₇/P°P₇PhP₇
145/81 PjPj C₇H₅C, C₇H₅C, P₇PhP₇C₇H₅P_r PSPëC... 83 % PiP°C₇+C-C°PSC, C-PI PjP°P»Pë
P°C₇H₅C, P_μC₇H₅C-P°P»CH₃PSC₇ PiC-PiP_μC₇H₅C, P_μPSP·C-C₇H₅, 32 % C, P° 10 % PiP°C₇+C-C°PSC, C-PI
PjP°P»Pë Pi P°PSP°PjPSP_μP·C- PjC-PeC₇H₅Ps- C, P° PjP°PeC₇H₅PsPIP°C₇H₅C₇P»C₇Cl_μC₇H₅PSC-
P·P°C... PIPsC₇H₅PIP°PSPSC₇Cl_μ PIC-PrPiPsPIC-PrPSPs C, P° 27 % PjP°P»Pë
PjC-PeC₇H₅PsP°P»CH₃P±C₇H₅C-PSC₇H₅C-C₇H₅. P₇PhP₇PiC₇H₅C, PSC₇Cl_μ C, P_μC₇H₅P°PiC-Cl_μ
PIPeP»C₇H₅C₇P°P»P° PiC₇H₅PiP°C₇H₅P°C, Pë PrP»C₇Cl_μ P·PSPëP_μPSPSC₇Cl_μ PhP₇ (75 %), PrP»C₇Cl_μ
P·PSPëP_μPSPSC₇Cl_μ P»C-PiC-PrC-PI (35 %, PiPsP»PsPIPSPëPj C₇H₅PePSPsPj C₇H₅C, P°C, PëPSPë B₇“
28 %), P°C₇H₅C, PëP»C₇H₅P°P»C-C₇H₅PeP»PsPIC₇ PePëC₇H₅P»PsC, C₇ P°P±Ps C-PSC€C-
P°PSC, PëC, C₇H₅PsPjP±PsC₇H₅C, P°C₇H₅PSC- PiC₇H₅PiP°C₇H₅P°C, Pë (47 %). P_μC₇H₅PsC, Cl_μPiPsPj
6 C, PëP_μPSC-PI PiP_μC₇H₅C-PsPrC₇ PIPiP_μPrP_μPSPSC₇Cl_μ C₇ PrPsC₇H₅P»C-PrP_μPSPSC₇Cl_μ
PiP°C₇+C-C°PSC, Pë PsC, C₇H₅PëPjC₇H₅PiP°P»Pë PePsPjP±C-PSP°C₇+C-C₇H₅
PiP_μC₇H₅PëPSP_rPsPiC₇H₅PëP»C₇/C-PSP_rP°PiP°PjC-PrC₇ C, P° PiC₇H₅PsPrPsPIP_μC₇H₅PiP°P»Pë
PiC₇H₅PëPN₂PjP°C, Pë P·PIPëC₇H₅P°PN₂PSC₇ PrP»C₇Cl_μ PSPëC... C₇H₅PeC₇H₅Ps·PSPëP_μC₇H₅PiP°P»CH₃PSC₇
C, P_μC₇H₅P°PiC-C₇H₅. P°P°P»C- PiP°C₇+C-C°PSC, P°Pj P·P° C₇H₅P°PSP_rPsPjC-P·PsPIP°PSPëPj
PiC₇H₅PëPSC₇H₅PiP_μPsPj P±C₇H₅PiC₇H₅PëP·PSP°C₇H₅PSPëPN₂ PiC₇H₅PëPN₂PsPj PiP»P°C₇H₅P±Ps
(n = 5571) P°P±Ps PePsPjP±C-PSP°C₇+C-Cl_μ PiP_μC₇H₅PëPSP_rPsPiC₇H₅PëP»C₇/C-PSP_rP°PiP°PjC-PrC₇
(n = 5569). P_μP_μC₇H₅PëPSP_rPsPiC₇H₅PëP»C₇/C-PSP_rP°PiP°PjC-Pr, 5 PjPi/1,25 PjPi, C, P°P±P»P_μC, PePë,
PIPeC₇H₅PëC, C- PiP»C-PIPePsPIPSC₇ PsP±PsP»PsPSPePsC₇H₅, PSP_μ PiC₇H₅PëPN₂PSC₇Cl_μC, PSPëPN₂

PrP»CΠ PiPsC±P°C,PeCf C,PμCηP°PiC-C—. P>C-PeCfPIP°PSPSCΠ CηPsP·PiPsC±PēPSP°P»Pē P·
PiPμCηPēPSPPrPsPiCηPēP»Cf 2,5 PjPi/C-PSPPrP°PiP°PjC-PrCf 0,625 PjPi PiPs 1 C,P°P±P»PμC,C†C-
1 CηP°P· PSP° PrPsP±Cf. P§PμCηPμP· 3 PjC-CfCΠC†C-, P·P° CfPjPsPIPē PrPsP±CηPsC—
PiPμCηPμPSPScfPēPjPsCfC,C-, PrPsP·Cf PiC-PrPIPēC%oCfPIP°P»Pē. PŷPsP±C,Ps
PiCηPēP·PSP°C±P°P»Pē PiCηPμPiP°CηP°C, PiPμCηPēPSPPrPsPiCηPēP»/C-PSPPrP°PiP°PjC-Pr,
5 PjPi/1,25 PjPi, C,P°P±P»PμC,PePē, PIPeCηPēC,C- PiP»C-PIPePsPIPsCη PsP±PsP»PsSPePsCη,
PiPs 1 C,P°P±P»PμC,C†C- 1 CηP°P· PSP° PrPsP±Cf. P>C-PeCfPIP°PSPSCΠ PiCηPsC,CΠPiPsPj
4,3 CηPsPeCf PePsPjP±C-PSP°C†C-C”Cη PiPμCηPēPSPPrPsPiCηPēP»Cf/C-PSPPrP°PiP°PjC-PrCf
PiCηPēP·PIPμP»Ps PrPs PrPsCfC,PsPIC-CηPSPSPiPs P·PSPēP¶PμPSPSCΠ PSP° 9 %
PIC-PrPSPScfPSPSPiPs CηPēP·PēPeCf PiPsPeP°P·PSPēPeC-PI PiPμCηPIPēPSPSPSc—
PeC-PSC†PμPIPsC— C,PsC±PePē (95 % P”P† [0,828; 0,996], Cη = 0,041). PμPμCηPμPIP°PiPē
P»C-PeCfPIP°PSPSCΠ PiPμCηPēPSPPrPsPiCηPēP»PsPj/C-PSPPrP°PiP°PjC-PrPsPj
PiPsCηC-PIPSCΠPSPs P· PiP»P°C†PμP±Ps P±CfP»Pē P·CfPjPsPIP»PμPSC-:
PrPsCfC,PsPIC-CηPSPēPj P·PSPēP¶PμPSPSCΠPj PIC-PrPSPScfPSPSPiPs CηPēP·PēPeCf
P·P°PiP°P»CHPSPSc— P»PμC,P°P»CHPSPScfC,C- PSP° 14 % (95 % P”P† [0,75; 0,98], Cη = 0,025);
PrPsCfC,PsPIC-CηPSPēPj P·PSPēP¶PμPSPSCΠPj PIC-PrPSPScfPSPSPiPs CηPēP·PēPeCf
PeP°CηPrC-PsPIP°CfPeCfP»CΠCηPSPSc— P»PμC,P°P»CHPSPScfC,C- PSP° 18 %
(95 % P”P† [0,68; 0,98], Cη = 0,027); PrPsCfC,PsPIC-CηPSPēPj P·PSPēP¶PμPSPSCΠPj
PIC-PrPSPScfPSPSPiPs CηPēP·PēPeCf PICfC-C... PIPēPrC-PI PSPēCηPePsPIPēC...
CfCfPeP»P°PrPSPμPSCη PSP° 21 % (95 % P”P† [0,74; 0,86], Cη < 0,001). Pj PiC-PrPiCηCfPiC-
PiP°C†C-C”PSC,C-PI P· P°CηC,PμCηC-P°P»CHPSPScη PiC-PiPμCηC,PμPSP·C-C”Cη, CΠPeC-
P»C-PeCfPIP°P»PēCfCΠ PiPμCηPēPSPPrPsPiCηPēP»PsPj/C-PSPPrP°PiP°PjC-PrPsPj,
PIC-PrP·PSP°C±P°P»PsCfCΠ PrPsCfC,PsPIC-CηPSPμ P·PSPēP¶PμPSPSCΠ PIC-PrPSPScfPSPSPiPs
CηPēP·PēPeCf PsCfPSPSPiPSPēC... PjP°PeCηPs- C,P° PjC-PeCηPsCfCfPrPēPSPSPēC...
CfCfPeP»P°PrPSPμPSCη PSP° 9 % (95 % P”P† [0,82; 1,0], Cη = 0,052) PiPsCηC-PIPSCΠPSPs P·
PiCηCfPiPsCη PiP»P°C†PμP±Ps. Pj PiC-PrPiCηCfPiC- PiP°C†C-C”PSC,C-PI, CΠPeC-
PiCηPēPμPjP°P»Pē PiPμCηPēPSPPrPsPiCηPēP»/C-PSPPrP°PiP°PjC-Pr, PiPsCηC-PIPSCΠPSPs P·
PiCηCfPiPsCη PiP»P°C†PμP±Ps, C,P°PePsP¶ PIC-PrP·PSP°C±P°P»PsCfCΠ:
PrPsCfC,PsPIC-CηPSPμ P·PSPēP¶PμPSPSCΠ PIC-PrPSPScfPSPSPiPs CηPēP·PēPeCf
P·P°PiP°P»CHPSPSc— P»PμC,P°P»CHPSPScfC,C- PSP° 16 % (95 % P”P† [0,73; 0,97], Cη = 0,019);
PrPsCfC,PsPIC-CηPSPμ P·PSPēP¶PμPSPSCΠ PIC-PrPSPScfPSPSPiPs CηPēP·PēPeCf
PeP°CηPrC-PsPIP°CfPeCfP»CΠCηPSPSc— P»PμC,P°P»CHPSPScfC,C- PSP° 20 %
(95 % P”P† [0,66; 0,97], Cη = 0,023); PrPsCfC,PsPIC-CηPSPμ P·PSPēP¶PμPSPSCΠ
PIC-PrPSPScfPSPSPiPs CηPēP·PēPeCf PICfC-C... PIPēPrC-PI PSPēCηPePsPIPēC...
CfCfPeP»P°PrPSPμPSCη PSP° 20 % (95 % P”P† [0,73; 0,87], Cη < 0,001). PμPμCηPμPIP°PiPē
P»C-PeCfPIP°PSPSCΠ, PSP°PiCηP°PIP»PμPSPSPiPs PSP° P·PSPēP¶PμPSPSCΠ
P°CηC,PμCηC-P°P»CHPSPSPiPs C,PēCfPeCf, PSPμ P·P°P»PμP¶P°P»Pē PIC-Pr PiPμCηPμPIP°Pi,
PrPsCfCΠPiPSCfC,PēC... Cf PiP°C†C-C”PSC,C-PI, CΠPeC- P»C-PeCfPIP°P»PēCfCΠ
PIC-PrPiPsPIC-PrPSPs PrPs CfC,CηP°C,PμPiC-C— C-PSC,PμPSCfPēPIPSPSPiPs
PePsPSC,CηPsP»Cη PiP»C-PePμPjC-C—.

PαP°CηPjP°PePsPrPēPSP°PjC-C±PSC- PμC,,PμPeC,Pē, PiPsPIBη™ CΠP·P°PSC- P·
PiPμCηPēPSPPrPsPiCηPēP»PsPj. PμPμCηPēPSPPrPsPiCηPēP» PμC,,PμPeC,PēPIPSPs
P·PSPēP¶CfC” PηPŷ PiCηPē PICfC-C... CfC,CfPiPμPSCΠC... P°CηC,PμCηC-P°P»CHPSPSc—
PiC-PiPμCηC,PμPSP·C-C—: P»PμPiPePsC—, PiPsPjC-CηPSPSc— C,P° C,CΠP¶PePsC—.
P—PSPēP¶PμPSPSCΠ PŷPηPŷ C- P”PηPŷ CfPiPsCfC,PμCηC-PiP°C”C,CHCfCΠ Cf
PiPsP»PsP¶PμPSPSC- CΠPe P»PμP¶P°C±Pē, C,P°Pe C- CfC,PsCΠC±Pē.
PηP°PeCfPēPjP°P»CHPSPēPμ P°PSC,PēPiC-PiPμCηC,PμPSP·PēPIPSPēPμ PμC,,PμPeC,
CηPsP·PIPēPIP°C”C,CHCfCΠ C±PμCηPμP· 4-6 PiPsPrPēPS PiC-CfP»CΠ PiCηPēPμPsPjCf
PsPrPSPScηP°P·PsPIPsC— PrPsP·Pē C,P° P·P±PμCηC-PiP°C”C,CHCfCΠ P±C-P»CHCēPμ
PrPsP±Pē. PμPμCηPēPSPPrPsPiCηPēP» PjP°C” PIPēCfPsPePēPμ CηC-PIPμPSCη

PsCfC,P°C,PsC±PSPsPiPs P±P»PsPeCfPIP°PSPSCЦ PҺPμPα (PiCҺPөP±P»PөP·PSPs 80 %)
 C±PμCҺPμP· 24 PiPsPrPөPSPө PiC-CfP»CЦ PiCҺPөPNөPsPjCf. Pj PiP°C†C-C"psc,C-PI, CЦPeC-
 PIC-PrPiPsPIC-P»Pө PSP° P»C-PeCfPIP°PSPSCЦ, PSPsCҺPjP°P»C-P·P°C†C-CЦ PҺPү
 PrPsCfCЦPiP°C"C,CHCfCЦ C±PμCҺPμP· PjC-CfCЦC†CH C- P·P±PμCҺC-PiP°C"C,CHCfCЦ
 P±PμP· PIPөPSPөPePSPμPSPSCЦ C,P°C...C-C„C-P»P°PeCfC-C—. PμCҺPөPiPөPSPμPSPSCЦ
 C,PμCҺP°PiC-C— PSPμ CfCfPiCҺPsPIPsPrP¶CfC"C,CHCfCЦ CfPөPSPPrCҺPsPjPsPj
 PIC-PrPjC-PSPө. PμPμCҺPөPSPPrPsPiCҺPөP» PjP°C"
 CfCfPrPөPSPsCҺPsP·CөPөCҺCҺPIP°P»CHPSC- PIP»P°CfC,PөPIPsCfC,C-, PIC-PrPSPsPIP»CHC"
 PμP»P°CfC,PөC±PSC-CfC,CH PIPμP»PөPePөC... P°CҺC,PμCҺC-PNө, PePsCҺPөPiCfC"
 PiC-CfC,PsPjPsCҺC„PsPjPμC,CҺPөC±PSC- P·PjC-PSPө Cf CҺPμP·PөCfC,PμPSC,PSPsCfC,C-
 P°CҺC,PμCҺC-PNө C,P° P·PjPμPSCөCfC" PiC-PiPμCҺC,CҺPsC„C-CH P»C-PIPsPiPs
 CөP»CfPSPsC±PeP°. P"PsPrP°PIP°PSPSCЦ Cf CҺP°P·C- PSPμPsP±C...C-PrPSPsCfC,C-
 C,C-P°P·PөPrPSPsPiPs PrC-CfCҺPμC,PөPeP° PiCҺPөP·PIPsPrPөC,CH PrPs
 PrPsPrP°C,PePsPIPsPiPs CfPөPSPμCҺPiC-P·PjCf. PөPsPjP±C-PSPsPIP°PSPμ
 P·P°CfC,PsCfCfPIP°PSPSCЦ C-PSPiC-P±C-C,PsCҺCf PҺPμPα C- C,C-P°P·PөPrPSPsPiPs
 PrC-CfCҺPμC,PөPeP° P·PjPμPSCөCfC" CҺPөP·PөPe PiC-PiPsPeP°P»C-C"PjC-C—, C%Ps PjPsP¶Pμ
 PIPөPSPөPePSCfC,Pө PiCҺPө PiCҺPөP·PSP°C±PμPSPSC- PrC-CfCҺPμC,PөPeP° Cf
 PjPsPSPsC,PμCҺP°PiC-C—.

PαP°CҺPjP°PePsPrPөPSP°PjC-C±PSC- PμC„PμPeC,Pө, PiPsPiBҺ™ CЦP·P°PSC- P·
C-PSPPrP°PiP°PjC-PrPsPj. PμCҺPө P·P°CfC,PsCfCfPIP°PSPSC- CЦPe PjPsPSPsC,PμCҺP°PiC-C—
C-PSPrP°PiP°PjC-Pr C±PөPSPөC,CH P°PSC,PөPiC-PiPμCҺC,PμPSP·PөPIPSCf PrC-CH, CЦPeP°
C,CҺPөPiP°C" 24 PiPsPrPөPSPө. PiPμPNө PμC„PμPeC, PiCҺPsCЦPIP»CЦC"C,CHCfCЦ Cf
PrPsP·P°C..., Cf CЦPePөC... PrC-CfCҺPμC,PөC±PSC- PIP»P°CfC,PөPIPsCfC,C- C"
PjC-PSC-PjP°P»CHPSPөPjPө. PҺPSC,PөPiC-PiPμCҺC,PμPSP·PөPIPSP° PrC-CЦ
C-PSPrP°PiP°PjC-PrCf PiCҺPsPiPsCҺC†C-PNөPSP° PiPsPeCҺP°C%PμPSPSCҺ
PμP»P°CfC,PөC±PSPsCfC,C- P°CҺC,PμCҺC-PNө C,P° P·PjPμPSCөPμPSPSCҺ
CҺPμP·PөCfC,PμPSC,PSPsCfC,C- P°CҺC,PμCҺC-PsP» C- P·P°PiP°P»CHPSPsPiPs
PiPμCҺPөC„PμCҺPөC±PSPsPiPs PsPiPsCҺCf CfCfPrPөPS. P†PSPPrP°PiP°PjC-Pr P·PjPμPSCөCfC"
PiC-PiPμCҺC,CҺPsC„C-CH P»C-PIPsPiPs CөP»CfPSPsC±PeP°. PμCҺPө
PiPμCҺPμPIPөC%PμPSPSC- PrPsP·Pө P°PSC,PөPiC-PiPμCҺC,PμPSP·PөPIPSP° PrC-CЦ
C,C-P°P·PөPrPSPөC... C,P° C,C-P°P·PөPrPsPiPsPrC-P±PSPөC... PrC-CfCҺPμC,PөPeC-PI
PrPsCfCЦPiP°C" CҺC-PIPSCЦ PiP»P°C,Ps, C,PsPrC- CЦPe PeC-P»CHPeC-CfC,CH
PSPμP±P°P¶P°PSPөC... PμC„PμPeC,C-PI P·CҺPsCfC,P°C". PiPeC%Ps P»C-PeCfPIP°PSPSCЦ C"
PSPμPrPsCfC,P°C,PSCHPs PμC„PμPeC,PөPIPSPөPj, PSPμ CfP»C-Pr P·P±C-P»CHCөCfPIP°C,Pө
PrPsP·Cf PiCҺPμPiP°CҺP°C,Cf. P'C-P»CHCөPμ C,PsPiPs, CЦPe P±CfP»Ps PiPsPeP°P·P°PSPs Cf
C...PsPrC- PrPsCfP»C-PrP¶PμPSCҺ CҺC-P·PSPsC— C,CҺPөPiP°P»PsCfC,C-
(PePsCҺPsC,PePsC—, CfPμCҺPμPrPSCҺPsC— C,P° PrPsPIPiPsC—) P· CfC±P°CfC,CH
PiP°C†C-C"psc,C-PI P· P°CҺC,PμCҺC-P°P»CHPSPsCҺ PiC-PiPμCҺC,PμPSP·C-C"CH,
C-PSPrP°PiP°PjC-Pr PSPμ PIPiP»PөPIP°C" PSP° PjPμC,P°P±PsP»C-P·Pj P»iPiPiPi
(C,CҺPөPiP»C-C†PμCҺPөPrC-PI, P»C-PiPsPiCҺPsC,PμC—PrC-PI PSPөP·CHPePsC— C,P°
PIPөCfPsPePsC— C%C-P»CHPSPsCfC,C-) C,P° PSPμ PIPiP»PөPIP°C" PSP°
PjPμC,P°P±PsP»C-P·Pj PICfPiP»PμPIPsPrC-PI, PSP°PIC-C,CH Cf PiP°C†C-C"psc,C-PI P·
P°CҺC,PμCҺC-P°P»CHPSPsCҺ PiC-PiPμCҺC,PμPSP·C-C"CH C,P° C†CfPeCҺPsPIPөPj
PrC-P°P±PμC,PsPj.

PαP°CҺPjP°PePsPeC-PSPμC,PөPeP°. PαP°CҺPjP°PePsPeC-PSPμC,PөC±PSC-
 PIP»P°CfC,PөPIPsCfC,C- PiPμCҺPөPSPPrPsPiCҺPөP»Cf C,P° C-PSPrP°PiP°PjC-PrCf Cf
 CfPeP»P°PrC- P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf P†Pк-PҺP·P†PүP·P PSPμ
 PIC-PrCҺC-P·PSCЦCHC,CHCfCЦ PIC-Pr PIP»P°CfC,PөPIPsCfC,PμPNө PiCҺPө C—C...
 PsPeCҺPμPjPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-.

Π₁PsC₇CrCεP_μPSPSC₁₁C_„CrPSPeC†C-C—PSPëC₇PsPe. P[°]P»C₁₁ΠiP[°]C†C-C[°]PSC,C-ΠiP·
PSPëC₇PePsPIP_sCH PSP_μPrPsC₁C_„P[°]C,PSC-C₁C_„CH C₁P»C-Pr P[°]PrP[°]ΠiC,C₁PIP[°]C,Pë PrPsP·Cr
P·P[°]P»P_μP_¶PSP_s ΠiC-Pr C₁C_„CrΠiP_μPSC₁₁ ΠiPsC₇CrCεP_μPSPSC₁₁C_„CrPSPeC†C-C—PSPëC₇PsPe
(PeP»C-C₇P_μPSC₁C_„PeC₇P_μP[°]C,PëPSC-PSC₁).

$$-\text{Cr}^{\circ} \text{CH}_3\text{P}^{\circ}\text{P}^{\circ}\text{C}-\text{PSP}_{\mu}\text{PsP}\pm\text{C}\dots\text{C}-\text{PrPSPsCl}^{\circ}\text{C}, \text{C}-\text{PrPsPrP}^{\circ}\text{C}, \text{PePsPIP}_{\text{Ps}}\text{PiPs} \text{PePsPSC}, \text{CHPsP}\gg\text{CH}$$

$$P_4P_5P_6I\theta\tilde{\eta}^{\text{TM}}C\Pi P\cdot P^{\circ}PSC- P\cdot P\ddot{C}\tilde{\eta}P\mu P\ddot{P}^{\circ}C\tilde{\eta}P^{\circ}C, P_5P_j P\uparrow P\acute{K}-P\tilde{h}P\cdot P\uparrow P\check{y}P\bullet P : \\ P_iC-P\ddot{P}_iP_uC\tilde{\eta}C\ddagger C\acute{r}C, P\gg P\ddot{e}PIC-Cl\acute{C}, CH PrPs P\pm C\acute{r}PrCH-C\Pi PePsC- PrPsP\ddot{P}_iPsP_jC-P\Pi PSPsC-$$

[illegible]

PIPİCḡPsPrPsPIP¶ PePsPjP±C-PSPsPIP°PSPsC— C,PμCḡP°PİC-C—.

PḡPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCḡPIP°PSPSCİ, C%Ps PİPsC,CḡPμP±CḡC” CḡPIP°PiPḡ

P†PjC-PİCḡP°PjC-PSPsPİPsPrC-P±PSC- (C,CḡPḡC†PḡPeP»C-C±PSC-)
P°PSC,PḡPrPμPİCḡPμCÍP°PSC,Pḡ, PSPμPNḡCḡPsP»PμPİC,PḡC±PSC- P·P°CÍPsP±Pḡ.
PμPsCÍPḡP»CḡCḡC,CH P°PSC,PḡPiC-PİPμCḡC,PμPSP·PḡPIPSCr PrC-Cḡ C,P°
PİC-PrPIPḡC%CrCḡC,CH CḡPḡP·PḡPe CḡPsP·PIPḡC,PeCr PsCḡC,PsCÍC,P°C,PḡC±PSPsC—
PiC-PİPsC,PμPSP·C-C— (P°PrPḡC,PḡPIPSPḡPNḡ PμC,,PμPeC,,).

P’P·P°C”PjPsPrC-C—, PİPsPIḡḡ™ CİP·P°PSC- P· PİPμCḡPḡPSPPrPsPİCḡPḡP»PsPj

P”P°PSC- PeP»C-PSC-C±PSPḡC... PrPsCÍP»C-PrP¶PμPSCḡ CÍPIC-PrC±P°C,CH, C%Ps
PİPsPrPIC-PNḡPSP° P±P»PsPeP°PrP° CḡPμPSC-PS-P°PSPiC-PsC,PμPSP·PḡPS-
P°P»CḡPrPsCÍC,PμCḡPsPSPsPİPsC— CÍPḡCÍC,PμPjPḡ (P PḡPḡPḡ) PIPSP°CÍP»C-PrPsPe
PsPrPSPsC±P°CÍPSPsPİPs P·P°CÍC,PsCÍCḡPIP°PSPSCİ C-PḡPμPḡ, P±P»PsPeP°C,PsCḡC-PI
CḡPμC†PμPİC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PḡPSCr P†P† P°P±Ps P°P»C-CÍPeC-CḡPμPSCr
PİPsPIḡḡ™ CİP·P°PSP° P·C- P·P±C-P»CḡCḡPμPSPSCİPj C±P°CÍC,PsC,Pḡ
PIPḡPSPḡPePSPμPSPSCİ C,P°PePḡC... PİPsP±C-C±PSPḡC... CḡPμP°PeC†C-PNḡ, CİPe
PiC-PİPsC,PμPSP·C-Cİ, PiC-PİPμCḡPeP°P»C-C”PjC-Cİ C,P° PİPsPiC-CḡCḡPμPSPSCİ
C,,CrPSPeC†C-C— PSPḡCḡPsPe (Cr C,PsPjCr C±PḡCÍP»C- PİPsCÍC,CḡP° PSPḡCḡPePsPIP°
PSPμPrPsCÍC,P°C,PSC-CÍC,CH), PİPsCḡC-PIPSCİPSPs C-P· P·P°CÍC,PsCÍCḡPIP°PSPSCİPj
PsPrPSPsPİPs PİCḡPμPİP°CḡP°C,Cr, C%Ps PİP»PḡPIP°C” PSP° P PḡPḡPḡ (PrPḡPI.
CḡPsP·PrC-P»Pḡ B«PμCḡPsC,PḡPİPsPeP°P·P°PSPSCİB», B«PḡCÍPsP±P»PḡPİPsCÍC,C-
P·P°CÍC,PsCÍCḡPIP°PSPSCİB» C,P° B«PḡP°CḡPjP°PePsPrPḡPSP°PjC-PeP°B»).

P>C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pḡ, C%Ps PİC-PrPIPḡC%CrCḡC,CH CḡPḡP·PḡPe
CḡPsP·PIPḡC,PeCr P°PSPiC-PsPSPμPICḡPsC,PḡC±PSPsPİPs PSP°P±CḡCİPeCr.
PḡPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCḡPIP°PSPSCİ C-PḡPμPḡ P·
CÍP°PeCrP±C-C,CḡPḡP»PsPj/PIP°P»CÍP°CḡC,P°PSPsPj PİCḡPsC,PḡPİPsPeP°P·P°PSPμ,
PsCÍPeC-P»CḡPePḡ C†Pμ PİC-PrPIPḡC%CrC” CḡPḡP·PḡPe CḡPsP·PIPḡC,PeCr
P°PSPiC-PsPSPμPICḡPsC,PḡC±PSPsPİPs PSP°P±CḡCİPeCr. P PsP·PİPsC±PḡPSP°C,Pḡ
P·P°CÍC,PsCÍCḡPIP°PSPSCİ CÍP°PeCrP±C-C,CḡPḡP»Cr/PIP°P»CÍP°CḡC,P°PSCr CÍP»C-Pr PSPμ
CḡP°PSC-CḡPμ PSC-P¶ C±PμCḡPμP· 36 PİPsPrPḡPS PİC-CÍP»Cİ PİCḡPḡPNḡPsPjCr
PsCÍC,P°PSPSCHPsC— PrPsP·Pḡ PİPμCḡPḡPSPPrPsPİCḡPḡP»Cr. PḡPμCḡP°PİC-Cḡ
PİPμCḡPḡPSPPrPsPİCḡPḡP»PsPj CḡPsP·PİPsC±PḡPSP°C,Pḡ PSPμ CḡP°PSC-CḡPμ PSC-P¶
C±PμCḡPμP· 36 PİPsPrPḡPS PİC-CÍP»Cİ PİCḡPḡPNḡPsPjCr PsCÍC,P°PSPSCHPsC— PrPsP·Pḡ
CÍP°PeCrP±C-C,CḡPḡP»Cr/PIP°P»CÍP°CḡC,P°PSCr (PrPḡPI. CḡPsP·PrC-P»Pḡ
B«PμCḡPsC,PḡPİPsPeP°P·P°PSPSCİB» C,P° B«PḡCÍPsP±P»PḡPİPsCÍC,C-
P·P°CÍC,PsCÍCḡPIP°PSPSCİB»).

PḡPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCḡPIP°PSPSCİ C-PḡPμPḡ P·
CḡP°C†PμPeP°PrPsC,CḡPḡP»PsPj, C-PSPiC-P±C-C,PsCḡP°PjPḡ mTOR (PSP°PİCḡPḡPeP»P°Pr
CÍPḡCḡPsP»C-PjCrCÍPsPj, PμPIPμCḡPsP»C-PjCrCÍPsPj, C,PμPjCÍPḡCḡPsP»C-PjCrCÍPsPj) C,P°
PiP»C-PİC,PḡPSP°PjPḡ (PSP°PİCḡPḡPeP»P°Pr P»C-PSP°PiP»C-PİC,PḡPSPsPj,
CÍP°PeCÍP°PiP»C-PİC,PḡPSPsPj, CÍPḡC,P°PiP»C-PİC,PḡPSPsPj,
PIC-P»CḡPrP°PiP»C-PİC,PḡPSPsPj) PjPsP¶Pμ PİCḡPḡP·PIPμCÍC,Pḡ PrPs
PİC-PrPIPḡC%PμPSPSCİ CḡPḡP·PḡPeCr CḡPsP·PIPḡC,PeCr
P°PSPiC-PsPSPμPICḡPsC,PḡC±PSPsPİPs PSP°P±CḡCİPeCr (PrPḡPI. CḡPsP·PrC-P»
B«PḡCÍPsP±P»PḡPİPsCÍC,C- P·P°CÍC,PsCÍCḡPIP°PSPSCİB»).

P>C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pḡ, CİPeC- CÍPİCḡPḡC±PḡPSCİCḡC,CH

PiC-PiPμCḡPeP°P»C-C"ḡC-ḡ. P C-PIPμPSCḡ PeP°P»C-ḡ PI CḡPḡCḡPsPIP°C,C†C- PeCḡPsPIC-
P·P°P·PIPḡC†P°PNḡ P·P°P»PḡCḡP°C"ḡ,CḡCḡCḡCḡ PI PjPμPḡP°C... PSPsCḡPjPḡ, P°P»Pμ Cḡ
PrPμCḡPePḡC... PiP°C†C-C"ḡPSC,C-PI, CḡPeC- P·P°CḡC,PscḡPsPICḡCḡC,ḡ P†Pḡ-PḡP>P†PḡP·P ,
PjPsPḡPμ PIPḡPSPḡPePSCḡC,Pḡ PiC-PiPμCḡPeP°P»C-C"ḡC-ḡ. P"ḡPμCḡPeC-
PiCḡPμPiP°CḡP°C,Pḡ P°P±Ps C,PμCḡP°PiPμPIC,PḡC†PSC- PeP»P°CḡPḡ, C,P°PeC- CḡPe
P°P»C-CḡPeC-CḡPμPS, CḡPsP»C- PeP°P»C-ḡ, PeP°P»C-PNḡP·P±PμCḡC-PiP°CḡC†C-
PrC-CḡCḡPμC,PḡPePḡ (PSP°PiCḡPḡPeP»P°Pr CḡPiC-CḡPsPSPsP»P°PeC,PsPS,
C,CḡPḡP°PjC,PμCḡPμPS P°P±Ps P°PjC-P»PsCḡPḡPr), C-PḡPḡPḡ, P°PSC,P°PiPsPSC-CḡC,Pḡ
CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PḡPSCḡ P†P†, PḡPḡP—P—, PiPμPiP°CḡPḡPSPḡ,
C-PjCḡPSPsPrPμPiCḡPμCḡPḡPSC- P·P°CḡPsP±Pḡ (C,P°PeC- CḡPe C†PḡPeP»PsCḡPiPsCḡPḡPS
P°P±Ps C,P°PeCḡPsP»C-PjCḡCḡ C,P° PePs-C,CḡPḡPjPsPeCḡP°P·PsP»
(C,CḡPḡPjPμC,PsPiCḡPḡPj/CḡCḡP»CḡC,,P°PjPμC,PsPeCḡP°P·PsP»), PsCḡPeC-P»CḡPePḡ
C,CḡPḡPjPμC,PsPiCḡPḡPj PrC-C"ḡ CḡPe PeP°P»C-PNḡP·P±PμCḡC-PiP°CḡC†PḡPNḡ
PrC-CḡCḡPμC,PḡPe PiPsPrC-P±PSPs PrPs P°PjC-P»PsCḡPḡPrCḡ, PjPsPḡCḡC,ḡ
CḡPiCḡPḡC†PḡPSPḡC,Pḡ PIPḡPSPḡPePSPμPSPSCḡ PiC-PiPμCḡPeP°P»C-C"ḡC-ḡ.
PḡPsPjP±C-PSP°C†C-Cḡ C†PḡC... PiCḡPμPiP°CḡP°C,C-PI P·P±C-P»CḡCḡCḡC"ḡ CḡPḡP·PḡPe
PIPḡPSPḡPePSPμPSPSCḡ PiC-PiPμCḡPeP°P»C-C"ḡC-ḡ. PḡPsPjCḡ PsPrPSPsC†P°CḡPSPμ
P·P°CḡC,PscḡCḡPIP°PSPSCḡ P»C-PeP°CḡCḡCḡPePsPiPs P·P°CḡPsP±Cḡ P†Pḡ-
PḡP>P†PḡP·P P· PIPḡC%PμP·P°P·PSP°C†PμPSPḡPjPḡ PiCḡPμPiP°CḡP°C,P°PjPḡ PSPμ
CḡPμPePsPjPμPSPPrPsPIP°PSPs. PiPeC%Ps PsPrPSPsC†P°CḡPSPμ
P·P°CḡC,PscḡCḡPIP°PSPSCḡ C†PḡC... CḡPμC†PsPIPḡPS C"ḡ PSPμPsP±C...C-PrPSPḡPj,
C—C... CḡP»C-Pr P·P°CḡC,PscḡPsPICḡPIP°C,Pḡ P· PsP±PμCḡPμPḡPSC-CḡC,ḡ C,P°
PiCḡPsPIPsPrPḡC,Pḡ C†P°CḡC,PḡPNḡ PjPsPSC-C,PsCḡPḡPSPi CḡC-PIPSCḡB PeP°P»C-ḡ
Cḡ CḡPḡCḡPsPIP°C,C†C- PeCḡPsPIC-.

*PhPrPSPsC†P°CḡPSPμ P·P°CḡC,PscḡCḡPIP°PSPSCḡ PiCḡPSC,PḡPiPsPeP°P·P°PSPμ (PrPḡPI.
CḡPsP·PrC-P» B«PμCḡPSC,PḡPiPsPeP°P·P°PSPSCḡB»)*

PḡP»C-CḡPeC-CḡPμPS. Pj PiP°C†C-C"ḡPSC,C-PI P· C†CḡPeCḡPsPIPḡPj PrC-P°P±PμC,PsPj P°P±Ps
P· PiPsCḡCḡCḡPμPSPSCḡPj C,,CḡPSPeC†C-C— PSPḡCḡPsPe P·P±C-P»CḡCḡCḡC"ḡ,CḡCḡCḡ
CḡPḡP·PḡPe PIPḡPSPḡPePSPμPSPSCḡ PiC-PiPμCḡPeP°P»C-C"ḡC-ḡ, PiPsPiC-CḡCḡPμPSPSCḡ
C,,CḡPSPeC†C-C— PSPḡCḡPsPe C- CḡPμCḡC†PμPIPs-CḡCḡPrPḡPSPSPsC—
P·P°C...PIPsCḡCḡPIP°PSPsCḡC,C- C,P° P»PμC,P°P»CḡPSPsCḡC,C-.

P·PeCḡC,CḡP°PePsCḡPiPsCḡP°P»CḡPSC- PjPμC,PsPrPḡ P»C-PeCḡPIP°PSPSCḡ, CḡPeC-
PiCḡPḡP·PIPsPrCḡC,ḡ PrPs PePsPSC,P°PeC,Cḡ PeCḡPsPIC- P· PSPμPiP°C,PḡPIPsPs
P·P°CḡCḡPrPḡPμPSPḡPjPḡ PiPsPiPμCḡC...PSCḡPjPḡ, C,P°PePḡPjPḡ CḡPe PrC-P°P»C-P· P°P±Ps
PiPμPjPsC,,C-P»CḡC,CḡP°C†C-Cḡ C-P· PIPḡPePsCḡPḡCḡC,P°PSPSCḡPj PiPμPIPsPḡC...
PjPμPjP±CḡP°PS C-P· PIPḡCḡPsPePsCḡ PiC-PrCḡP°PIP»C-C†PSPsCḡ PiCḡPsPSPḡPePSC-CḡC,ḡ
(PSP°PiCḡPḡPeP»P°Pr PiPsP»C-P°PeCḡPḡP»PsPSC-C,CḡPḡP»PsPIPḡC...) C,P° P°C,,PμCḡPμP·
P>PḡP© C-P· P·P°CḡC,PscḡCḡPIP°PSPSCḡPj PrPμPeCḡC,CḡP°PSCḡ CḡCḡP»CḡC,,P°C,Cḡ,
C†PμCḡPμP· PiC-PrPIPḡC%PμPSPḡPNḡ CḡPḡP·PḡPe CḡPsP·PIPḡC,PeCḡ
P°PSP°C,,C-P»P°PeC,PsC—PrPSPḡC... CḡPμP°PeC†C-PNḡ C,CḡPḡPePsPiPs CḡC,CḡPiPμPSCḡ
(PrPḡPI. CḡPsP·PrC-P» B«PμCḡPSC,PḡPiPsPeP°P·P°PSPSCḡB»). Pj CḡP°P·C-
PSPμPsP±C...C-PrPSPsCḡC,C- PiCḡPsPIPμPrPμPSPSCḡ C,P°PePsPiPs P»C-PeCḡPIP°PSPSCḡ
CḡP»C-Pr CḡPsP·PiP»CḡPSCḡC,Pḡ PjPsPḡP»PḡPIC-CḡC,ḡ PIPḡPePsCḡPḡCḡC,P°PSPSCḡ
PrC-P°P»C-P·PSPsC— PjPμPjP±CḡP°PSPḡ C-PSCḡPsPiPs C,PḡPiCḡ P°P±Ps
P·P°CḡC,PscḡCḡPIP°PSPSCḡ C-PSCḡPsPiPs PeP»P°CḡCḡ
P°PSC,PḡPiC-PiPμCḡC,PμPSP·PḡPIPsPḡC... P·P°CḡPsP±C-PI.

PhPrPSPsC#P°CÍPSPμ P·P°CÍC,PsCÍCzPIP°PSPSCÍ PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPμ

PḡP»C-CÍPeC-CḡPμPS. PJ PICÍC-C... C-PSCεPëC... PiCḡCÍPiP°C... PiP°C†C-C"PSC,C-PI, CÍPeC- CÍ PiP°C†C-C"PSC,C-PI P· C†CÍPeCḡPsPIPëPj PrC-P°P±PμC,PsPj P°P±Ps P·
PiPsCḡCÍCεPμPSPSCÍPj C,,CÍPSPeC†C-C— PSPëCḡPsPe, P·P±C-P»CHCεCÍC"C,CHCÍCÍCÍ
CḡPëP·PëPe PIPëPSPëPePSPμPSPSCÍ PiC-PiPμCḡPeP°P»C-C"PjC-C—, PiPsPiC-CḡCεPμPSPSCÍ
C,,CÍPSPeC†C-C— PSPëCḡPsPe C- CÍPμCḡC†PμPIPs-CÍCÍPrPëPSPSPsC—
P·P°C...PIPsCḡCḡPIP°PSPsCÍC,C- C,P° P»PμC,P°P»CHPSPsCÍC,C- (PrPëPI. CḡPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»).

PŸCÍPiCÍC,PSCÍ C,PμCḡP°PiC-CÍ C-PḡPμPα C- P±P»PsPeP°C,PsCḡPsPj
CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCÍ. PμPsPIC-PrPsPjP»CÍP»PsCÍCÍ,
C°%Ps CÍ PiP°C†C-C"PSC,C-PI P·C- PICÍC,P°PSPsPIP»PμPSPëPj
P°C,PμCḡPsCÍPeP»PμCḡPsP·PsPj, CÍPμCḡC†PμPIPsCḡ PSPμPrPsCÍC,P°C,PS-CÍC,Cḡ
P°P±Ps CÍ C...PIPsCḡPëC... PSP° C†CÍPeCḡPsPIPëPNε PrC-P°P±PμC, P·
CÍCḡP°P¶PμPSPSCÍPj PsCḡPiP°PSC-PI-PjC-CεPμPSPμPNε CÍCÍPiCÍC,PSCÍ
C,PμCḡP°PiC-CÍ C-PḡPμPα C,P° P±P»PsPeP°C,PsCḡPsPj CḡPμC†PμPiC,PsCḡC-PI
P°PSPiC-PsC,PμPSP·PëPSCÍ CÍCÍPiCḡPsPIPsPrP¶CÍPIP°P»P°CÍCH
PiC-PrPIPëC°%PμPSPSCÍPj C†P°CÍC,PsC,Pë PIPëPSPëPePSPμPSPSCÍ
P°CḡC,PμCḡC-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C—, PSPμPiCḡPëC,PsPjPSPsCÍC,C-,
PiC-PiPμCḡPeP°P»C-C"PjC-C— C,P° PiPsPiC-CḡCεPμPSPSCÍPj C,,CÍPSPeC†C-C—
PSPëCḡPsPe (CÍ C,PsPjCÍ C†PëCÍP»C- PiPsCÍC,CḡPsC— PSPëCḡPePsPIPsC—
PSPμPrPsCÍC,P°C,PSPsCÍC,C-) PiPsCḡC-PIPSCÍPSPs P· P·P°CÍC,PsCÍCÍPIP°PSPSCÍPj
PsPrPSPsPiPs PiCḡPμPiP°CḡP°C,CÍ, C°%Ps PIPiP»PëPIP°C" PSP° P PḡPḡPŸ.
P—P°CÍC,PsCÍCÍPIP°PSPSCÍ PiPsPrPIC-PNεPSPsC— P±P»PsPeP°PrPë (C,PsP±C,Ps
PePsPjP±C-PSP°C†C-C— C-PḡPμPα C,P° P°PSC,P°PiPsPSC-CÍC,P°
CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCÍ P†P†) PjPsP¶P»PëPIPμ
C,C-P»CHPePë PI PsPeCḡPμPjPëC... PIPëPiP°PrPeP°C... P·P° CÍPjPsPIPë
CḡPμC,PμP»CHPSPsPiPs PePsPSC,CḡPsP»Cḡ C,,CÍPSPeC†C-C— PSPëCḡPsPe,
CḡC-PIPSCÍ PeP°P»C-Cḡ PI PeCḡPsPIC- C,P° P°CḡC,PμCḡC-P°P»CHPSPsPiPs
C,PëCÍPeCÍ (PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»).

P·CÍC,CḡP°PjCÍCÍC,PëPS. P†CÍPSCÍC" CḡPëP·PëPe P·P±C-P»CHCεPμPSPSCÍ
C†P°CÍC,PsC,Pë PIPëPSPëPePSPμPSPSCÍ PiPsP±C-C†PSPëC... CḡPμP°PeC†C-PNε, C,P°PePëC...
CÍPe P°PSPiC-PsPSPμPICḡPsC,PëC†PSPëPNε PSP°P±CḡCÍPe (P°PSPiC-PsPμPrPμPjP°).

PḡP°P»C-PNεP·P±PμCḡC-PiP°CḡC†C- PrC-CÍCḡPμC,PëPePë (PSP°PiCḡPëPeP»P°Pr
C,CḡPëP°PjC,PμCḡPμPS, P°PjC-P»PsCḡPëPr), PeP°P»C-PNε (CÍPsP»C-). P†CÍPSCÍC"
CḡPëP·PëPe PIPëPSPëPePSPμPSPSCÍ PiC-PiPμCḡPeP°P»C-C"PjC-C— (PiPsC,PμPSC†C-PNεPSPs
P»PμC,P°P»CHPSPsC—), PsCÍPsP±P»PëPIPs CÍ PiP°C†C-C"PSC,C-PI C-P·
PiPsCḡCÍCεPμPSPSCÍPj C,,CÍPSPeC†C-C— PSPëCḡPsPe (P°PrPëC,PëPIPSPëPNε
PiC-PiPμCḡPeP°P»C-C"PjC-C†PSPëPNε PμC,,PμPeC,). PḡPsPjP±C-PSP°C†C-CÍ
PiPμCḡPëPSPPrPsPiCḡPëP»CÍ P· PIPëC°%PμP·P°P·PSP°C†PμPSPëPjPë PiCḡPμPiP°CḡP°C,P°PjPë
PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSP° (PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»). PJ CḡP°P·C- CÍPeC°%Ps PsPrPSPsC†P°CÍPSPμ
P·P°CÍC,PsCÍCÍPIP°PSPSCÍ CÍCÍPμ P¶ C,P°PePë PiPsPeP°P·P°PSPs, C—C... CÍP»C-Pr
P·P°CÍC,PsCÍPsPICÍPIP°C,Pë P· PsP±PμCḡPμP¶PSC-CÍC,Cḡ C- P· C†P°CÍC,PëPj
PePsPSC,CḡPsP»PμPj CḡC-PIPSCÍ PeP°P»C-Cḡ PI CÍPëCḡPsPIP°C,C†C- PeCḡPsPIC-.

P†PSC,,PsCḡPjP°C†C-Cḡ PīCḡPs P·P°C†C,PsC†C†PIP°PSPSCḡ C†PīC-CḡPsPSPsP»P°PeC,PsPSC†
PīP°C†C-C”PSC,P°Pj C-P· C†PμCḡC†PμPIPsCḡ PSPμPrPsC†C,P°C,PSC-C†C,Cḡ PSP°PIPμPrPμPSP°
PI PīC†PSPeC,C- B«PhPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSCḡ, C%Ps
PīPsC,CḡPμP±C†C” PsC†PsP±P»PēPIPsC— C†PIP°PiPēB».

*PhPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSCḡ, C%Ps PīPsC,CḡPμP±C†C”
PsC†PsP±P»PēPIPsC— C†PIP°PiPē*

PμCḡPsC,PēPrC-P°P±PμC,PēC†PSC- P·P°C†PsP±Pē (C-PSC†C†P»C-PS,
PiC-PīPsPiP»C-PePμPjC-C†PSC- P·P°C†PsP±Pē PrP»Cḡ PīPμCḡPsCḡP°P»CHPSPsPiPs
P·P°C†C,PsC†C†PIP°PSPSCḡ). PhPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSCḡ C-PḡPμPα
C- PīCḡPsC,PēPrC-P°P±PμC,PēC†PSPeC... PīCḡPμPīP°CḡP°C,C-PI (C-PSC†C†P»C-PSPē,
PiC-PīPsPiP»C-PePμPjC-C†PSC- P·P°C†PsP±Pē PrP»Cḡ PīPμCḡPsCḡP°P»CHPSPsPiPs
P·P°C†C,PsC†C†PIP°PSPSCḡ) PjPsP¶Pμ PīPsC†PēP»PēC,Pē
C†C†PeCḡPsP·PSPēP¶C†PIP°P»CHPSPēPμ PμC,,PμPeC, P· CḡPēP·PēPePsPj CḡPsP·PIPēC,PeC†
PiC-PīPsPiP»C-PePμPjC-C—. PjPμPμ C,,PμPSPsPjPμPS PjPsP¶Pμ PIPēPSPēPeP°C,Pē
PīCḡPsC,CḡPiPsPj PīPμCḡCēPēC... C,PēP¶PSC-PI PePsPjP±C-PSPsPIP°PSPsPiPs
P»C-PeC†PIP°PSPSCḡ C,P° C† PīP°C†C-C”PSC,C-PI C-P· PīPsCḡC†CēPμPSPSCḡPj
C,,C†PSPeC†C-C— PSPēCḡPsPe.

P”C-C†CḡPμC,PēPePē. Pj PīP°C†C-C”PSC,C-PI, CḡPeC- PīCḡPēPμPjP°CḡC,CH
PrC-C†CḡPμC,PēPePē, PsC†PsP±P»PēPIPs P· PSP°CḡPIPSC-C†C,Cḡ PrPμC,,C-C†PēC,C† PIPsPrPē
C,P° PSP°C,CḡC-Cḡ, PīC-C†P»Cḡ PīPsC†P°C,PeC† C,PμCḡP°PīC-C— C-PḡPμPα PjPsP¶Pμ
PSP°PrPjC-CḡPSPs P·PjPμPSCēPēC,PēC†Cḡ P°CḡC,PμCḡC-P°P»CHPSPēPμ C,PēC†Pe.
P†PjPsPIC-CḡPSC-C†C,CH CḡPsP·PIPēC,PeC† PiC-PīPsC,PμPSP·PēPIPsPēC... PμC,,PμPeC,C-PI
PjPsP¶Pμ P±C†C,Pē P·PSPēP¶PμPSP° CēP»CḡC...PsPj PIC-PrPjC-PSPē PīCḡPēPμPsPjC†
PrC-C†CḡPμC,PēPeP°, PīC-PrPIPēC%PμPSPSCḡ PsP±Bḡ™ C”PjC† C†PēCḡPeC†P»CḡCḡC†PsC—
PeCḡPsPIC- P°P±Ps C†PīPsP¶PēPIP°PSPSCḡ C†PsP»C- PīPμCḡPμPr PīPsC†P°C,PePsPj
C,PμCḡP°PīC-C— PīPμCḡPēPSPPrPsPīCḡPēP»PsPj, CḡPeC† C†P»C-Pr CḡPsP·PīPsC†PēPSP°C,Pē P·
PSPēP·CHPePsC— PrPsP·Pē P· PīPsC†C,C†PīPsPIPēPj C—C— PīC-PrPIPēC%PμPSPSCḡPj.
PμP°C†C-C”PSC,P°Pj P· P°CḡC,PμCḡC-P°P»CHPSPsCḡ PiC-PīPμCḡC,PμPSP·C-C”Cḡ, PePsP»Pē
PīPsPīPμCḡPμPrPSCḡ C,PμCḡP°PīC-Cḡ PrC-C†CḡPμC,PēPePsPj PjPsPiP»P°
C†PīCḡPēC†PēPSPēC,Pē PrPμC,,C-C†PēC, PIPsPrPē/PSP°C,CḡC-Cḡ, C†P»C-Pr
PIC-PrPjC-PSPēC,Pē PīCḡPēPμPsPj PrC-C†CḡPμC,PēPeP° PīPμCḡPμPr PīPsC†P°C,PePsPj
P·P°C†C,PsC†C†PIP°PSPSCḡ C-PḡPμPα (C† C,P°PePsPjC† PIPēPīP°PrPeC† PīCḡPēPμPsPj
PrC-C†CḡPμC,PēPeP° P· C†P°C†PsPj PjPsP¶Pμ P±C†C,Pē PīPsPSPsPIP»PμPSPs) P°P±Ps
CḡPsP·PīPsC†P°C,Pē P»C-PeC†PIP°PSPSCḡ C-PḡPμPα P· PSPēP·CHPePsC— PrPsP·Pē P·
PīPsC†C,C†PīPsPIPēPj C—C— PīC-PrPIPēC%PμPSPSCḡPj. PμP°C†C-C”PSC,P°Pj C-P·
P·P°C†C,C-PμPSPsCḡ C†PμCḡC†PμPIPsCḡ PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, CḡPeC-
P·P°C†C,PsC†PsPIC†CḡC,CH PrC-C†CḡPμC,PēPe, P»C-PeC†PIP°PSPSCḡ C-PḡPμPα C†P»C-Pr
CḡPsP·PīPsC†PēPSP°C,Pē P· PjC-PSC-PjP°P»CHPSPsC— PrPsP·Pē, PjPsP¶P»PēPIPs, PīC-C†P»Cḡ
P·PSPēP¶PμPSPSCḡ PrPsP·Pē PrC-C†CḡPμC,PēPeP°. Pj PIC†C-C... PIPēPīP°PrPeP°C...
PSPμPsP±C...C-PrPSPs PePsPSC,CḡPsP»CḡPIP°C,Pē C,,C†PSPeC†C-Cḡ PSPēCḡPsPe
(CḡC-PIPμPSCḡ PeCḡPμP°C,PēPSC-PSC†) PīCḡPsC,CḡPiPsPj PeC-P»CHPePsC... PīPμCḡCēPēC...
C,PēP¶PSC-PI C,PμCḡP°PīC-C— C-PḡPμPα.

PμP°P»C-PμP·P±PμCḡC-PiP°CḡC†C- PrC-C†CḡPμC,PēPePē (PμPīP»PμCḡPμPSPsPS,
C†PīC-CḡPsPSPsP»P°PeC,PsPS). PμCḡPē PsPrPSPsC†P°C†PSPsPjC†
P·P°C†C,PsC†C†PIP°PSPSC- PμPīP»PμCḡPμPSPsPSC† P°P±Ps C†PīC-CḡPsPSPsP»P°PeC,PsPSC†
PI PrPsP·P°C... PIC-Pr 12,5 PjPi PrPs 50 PjPi PSP° PrPsP±C† P· PSPēP·CHPePēPjPē PrPsP·P°PjPē
C-PḡPμPα C† PīP°C†C-C”PSC,C-PI C-P· C†PμCḡC†PμPIPsCḡ PSPμPrPsC†C,P°C,PSC-C†C,Cḡ P†P†-

РтV C,,CpPSPeCtC-PsPSP°P»CHbPSPëC... PeP»P°CfC-PI P·P° CëPeP°P»PsCf PkCHbCH-
P™ PsCfPeCfCHbPePsC— PeP°CfPrC-PsP»PsPiC-CfPSPsC— P°CfPsCtC-P°CtC-C— (NYHA) C-
C,,CfP°PeCtC-C”Cf PIPëPePëPrCf < 40 %, CлIPeC- CfP°PSC-CëPм PiCfPëPNëPjP°P»Pë C-PfPмPα
C,P° PiPмC,P»CHbPsPIC- PrC-CfCfPмC,PëPePë, C-CfPSCfC” CfPëP·PëPe
PIPëPSPëPePSPмPSPSCлI PiC-PiPмCfPeP°P»C-C”PjC-C—, PiPsC,PмPSCtC-PNëPSPs
P»PмC,P°P»CHbPSPsC—, PsCfPsP±P»PëPIPs Cf CfP°P·C- PSPмPrPsC,CfPëPjP°PSPSCлI
CfPмPePsPjPмPSPPrP°CtC-PNë C%oPsPrPs PiCfPëP·PSP°CfPмPSPSCлI C,P°PePsC—
PePsPjP±C-PSP°CtC-C—. PмPмCfPмPr PiPsCfP°C,PePsPj P·P°CfC,PsCfCfPIP°PSPSCлI
C,P°PePsC— PePsPjP±C-PSP°CtC-C— CfP»C-Pr CfPiPмPIPSPëC,PëCfCлI Cf
PIC-PrCfCfC,PSPsCfC,C- PiC-PiPмCfPeP°P»C-C”PjC-C— C- PiPsCfCfCëPмPSPSCлI
C,,CpPSPeCtC-C— PSPëCfPsPe. P PмPePsPjPмPSPPrCfC”C,CHbCfCлI CfPмC,PмP»CHbPSPëPNë
PjPsPSC-C,PsCfPëPSPi PeP°P»C-C”PjC-C— C,P° PeCfPмP°C,PëPSC-PSPмPjC-C—
C%oPsC,PëPлPSPмPIPs PiCfPsC,CлIPiPsPj PiPмCfCëPsPiPs PjC-CfCлCtCлI P»C-PeCfPIP°PSPSCлI
C- C%oPsPjC-CfCлCfPSPs PSP°PrP°P»C-.

PhPrPSPsCfP°CfPSPм P·P°CfC,PsCfCzPIP°PSPSCлI, C%oPs PiPsC,CfPмP±CzC” CzPIP°PiPë

PhPSC,PëPiC-PiPмCfC,PмPSP·PëPIPS- P·P°CfPsP±Pë C,P°
PIP°P·PsPrPëP»P°C,P°C,PsCfPë. PhPrPSPsCfP°CfPSPм P·P°CfC,PsCfCfPIP°PSPSCлI CtPëC...
P»C-PeP°CfCfCHbPePëC... P·P°CfPsP±C-PI PjPsPлPм PiPsCfPëP»PëC,Pë
PiC-PiPsC,PмPSP·PëPIPS- PмC,,PмPeC,Pë PiPмCfPëPSPPrPsPiCfPëP»Cf. PhPrPSPsCfP°CfPSPм
P·P°CfC,PsCfCfPIP°PSPSCлI P·PSC-C,CfPsPiP»C-CtPмCfPëPSPsPj C,P° C-PSCëPëPjPë
PSC-C,CfP°C,P°PjPë P°P±Ps P·C-PSCëPëPjPë PIP°P·PsPrPëP»P°C,P°C,PsCfP°PjPë PjPsPлPм
CfPiCfPëCлI,C,Pë PrPsPrP°C,PePsPIPsPjCf P·PSPëPлPмPSPSCf P°CfC,PмCfC-P°P»CHbPSPsPiPs
C,PëCfPeCf.

PhP»PsPiCfCfPëPSPsP», CtPëC,PsCfC,P°C,PëPePë, C-PjCfPSPsPrPмPiCfPмCfPëPIPS-
P·P°CfPsP±Pë, CfPëCfC,PмPjPSC- PePsCfC,PëPePsCfC,PмCfPsC—PrPë P°P±Ps
PiCfPsPeP°C—PSP°PjC-Pr. PhPrPSPsCfP°CfPSPм P·P°CfC,PsCfCfPIP°PSPSCлI P·C-PfPмPα
PjPsPлPм PiCfPëP·PIPмCfC,Pë PrPs PiC-PrPIPëC%oPмPSPSCлI CfPëP·PëPeCf
P»PмPNëPePsPiPмPSC-C— (PrPëPI. CfPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCлI»).

PhPSPмCfC,PмP·CfCfCfC- P·P°CfPsP±Pë. C-PfPмPα PjPsPлCfC,CHb PiPsCfPëP»CfPIP°C,Pë
PiC-PiPsC,PмPSP·PëPIPSf PrC-Cf PrPмCлIPePëC... P°PSPмCfC,PмP·CfCfCfPëC...
PiCfPмPiP°CfP°C,C-PI (PrPëPI. CfPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCлI»).

PfPëPjPiP°C,PsPjC-PjPмC,PëPePë. PfPëPjPiP°C,PsPjC-PjPмC,PëPePë PjPsPлCfC,CHb
PiPsCfP»P°P±P»CfPIP°C,Pë P°PSC,PëPiC-PiPмCfC,PмPSP·PëPIPSf PrC-Cf C-PfPмPα.

PмCfPмPiP°CfP°C,Pë P·PsP»PsC,P°. PмCfPë P»C-PeCfPIP°PSPSC- PiP°CtC-C”PSC,C-PI
C-PSbф™ C”PeCtC-PNëPSPëPjPë PiCfPмPiP°CfP°C,P°PjPë P·PsP»PsC,P° (PSP°C,CfC-Cf
P°CfCfPsC,C-PsPjP°P»P°C,) C,P° PsPrPSPsCfP°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-
C-PfPмPα, Cf C,PsPjCf CfPëCfP»C- PiPмCfPëPSPPrPsPiCfPëP»Cf, Cf CfC-PrPeC-CfPSPëC...
PIPëPiP°PrPeP°C... PiPsPIC-PrPsPjP»CлI»PsCfCлI PiCfPs PIPëPSPëPePSPмPSPSCлI
PSC-C,CfPëC,PsC—PrPSPëC... CfPмP°PeCtC-PNë (PiPsCfPмCfPIPsPSC-PSPSCлI
PsP±P»PëCfCfCлI, PSCfPrPsC,P°, P±P»CfPIP°PSPSCлI C,P° P°CfC,PмCfC-P°P»CHbPSP°
PiC-PiPsC,PмPSP·C-CлI).

P·P·P°C”PjPsPrC-C—, PiPsPIëф™ CлIP·P°PSC- P·C-PSPPrP°PiP°PjC-PrPsPj.

*PhPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCzPIP°PSPSCII, C%oPs PiPsC,CHPμP±CzC''
PsCÍPsP±P»PëPIPsC— CzPIP°PiPë*

PμCHPμPiP°CHP°C,Pë, CIIPeC- PjPsP¶CÍC,CH CÍPiCHPëC±PëPSPëC,Pë CHPsP·PIPëC,PsPe
PiP°CHPsPeCÍPëP·PjP°P»CHPSPsC— CëP»CÍPSPsC±PePsPIPsC—
C,P°C...C-PeP°CHPrC-C— C,PëPiCÍ B«PiC-CHCÍPμC,B». P§PμCHPμP· CHPëP·PëPe
PIPëPSPëPePSPμPSPSCII PiC-PiPsPeP°P»C-C''PjC-C— C-PSPrP°PiP°PjC-Pr CÍP»C-Pr
PiCHPëP·PSP°C±P°C,Pë P· PsP±PμCHPμP¶PSC-CÍC,CH CÍ PePsPjP±C-PSP°C±C-C— P·
PiCHPμPiP°CHP°C,P°PjPë, C%oPs PjPsP¶CÍC,CH CÍPiCHPëC±PëPSPëC,Pë CHPsP·PIPëC,PsPe
PiP°CHPsPeCÍPëP·PjP°P»CHPSPsC— CëP»CÍPSPsC±PePsPIPsC— C,P°C...C-PeP°CHPrC-C—
C,PëPiCÍ B«PiC-CHCÍPμC,B», C,P°PePëPjPë CIIPe (PiPsPrP°PSPëPμ PiPμCHPμP»C-Pe PSPμ C''
PiPsPIPsPëPj) P°PSC,PëP°CHPëC,PjC-C±PSC- PiCHPμPiP°CHP°C,Pë PeP»P°CÍCÍ P±P§
(PSP°PiCHPëPeP»P°Pr C...C-PSC-PrPëPS, PiC-PrCHPμPsC...C-PSC-PrPëPS,
PrPëP·PsPiC-CHP°PjC-Pr); PeP»P°CÍCÍ P±P±P± (PSP°PiCHPëPeP»P°Pr P°PjC-PsPrP°CHPsPS,
PrPsC,,PμC,PëP»C-Pr, C-P±CÍC,PëP»C-Pr, P±CHPμC,PëP»C-CÍPj, CÍPsC,P°P»PsP»); PrPμCIIPeC-
P°PSC,PëPiCÍPëC...PsC,PëPePë: C,,PμPSPsC,C-P°P·PëPSPë (PSP°PiCHPëPeP»P°Pr
C...P»PsCHPiCHPsPjP°P·PëPS, C±C-P°PjPμPjP°P·PëPS, P»PμPIPsPjPμPiCHPsPjP°P·PëPS,
C,C-PsCHPëPrP°P·PëPS, C,CHPëC,,P»CÍPsPiPμCHP°P·PëPS), P±PμPSP·P°PjC-PrPë
(PSP°PiCHPëPeP»P°Pr P°PjC-CÍCÍP»CHPiCHPëPr, CÍCÍP»CHPiC-CHPëPr,
CÍCÍP»CHC,PsPiCHPëPr, C,C-P°PiCHPëPr), P±CÍC,PëCHPsC,,PμPSPsPSPë
(PSP°PiCHPëPeP»P°Pr PrCHPsPiPμCHPëPrPsP», PiP°P»PsPiPμCHPëPrPsP»), C-PSCëC-
P°PSC,PëPiCÍPëC...PsC,PëPePë (PSP°PiCHPëPeP»P°Pr PiC-PjPsP·PëPr); C-PSCëC-
CHPμC±PsPIPsPSPë (PSP°PiCHPëPeP»P°Pr P±PμPiCHPëPrPëP», C±PëP·P°PiCHPëPr,
PrPëC,,PμPjP°PSC-P», PμCHPëC,CHPsPjC-C±PëPS
PIPsCÍC,CHC-CëPSCHPsPIPμPSPSPëPμ, PiP°P»PsC,,P°PSC,CHPëPS,
PjC-P·PsP»P°CÍC,PëPS, PjPsPeCÍPëC,,P»PsPeCÍP°C±PëPS, PiPμPSC,P°PjC-PrPëPS,
CÍPiP°CHC,,P»PsPeCÍP°C±PëPS, PIC-PSPeP°PjC-PS
PIPsCÍC,CHC-CëPSCHPsPIPμPSPSPëPμ, PjPμC,P°PrPsPS, P°CÍC,PμPjC-P·PsP»,
C,PμCHC,,PμPSP°PrPëPS). PŸP»C-Pr P·P°PiPsP±C-PiP°C,Pë P·PSPëP¶PμPSPSCH
PeP°P»C-CH CÍ PiP»P°P·PjC- PeCHPsPIC- C,P° CÍ CHP°P·C-
PSPμPsP±C...C-PrPSPsCÍC,C- PμPsPiPs PePsCHPëPiCÍPIP°C,Pë, P° C,P°PePsP¶
PePsPSC,CHPsP»CHPIP°C,Pë QT-C-PSC,PμCHPIP°P».

P>C-PeP°CHCÍCHPeC- P·P°CÍPsP±Pë, C%oPs P·PSPëP¶CÍCHC,CH PIPjC-CÍC,
PeP°P»C-CH PI PeCHPsPIC-. PhPjC,,PsC,PμCHPëC±PëPS P' PrP»CII
PIPsCÍC,CHC-CëPSCHPsPIPμPSPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCII,
PiP»CHPePsPePsCHC,PëPePsC—PrPë C,P° PjC-PSPμCHP°P»PsPePsCHC,PëPePsC—PrPë
(CÍPëCÍC,PμPjPSPsC— PrC-C—), C,PμC,CHP°PePsP·P°PeC,PëPr, PiCHPsPSPsCÍPSC-
P·P°CÍPsP±Pë, CIIPeC- CÍC,PëPjCÍP»CHCHC,CH PiPμCHPëCÍC,P°P»CHC,PëPeCÍ,
PiC-PrPIPëC%oCÍCHC,CH CHPëP·PëPe P·PSPëP¶PμPSPSCII CHC-PIPsCII PeP°P»C-CH CÍ
CÍPëCHPsPIP°C,C±C- PeCHPsPIC- (P°PrPëC,PëPIPsPëPμ PμC,,PμPeC,). PŸP»C-Pr
PePsPSC,CHPsP»CHPIP°C,Pë PIPjC-CÍC, PeP°P»C-CH CÍ PiP»P°P·PjC- PeCHPsPIC- C,P°
PePsCHPëPiCÍPIP°C,Pë PμPsPiPs CÍ CHP°P·C- PiPsC,CHPμP±Pë, P·PsPeCHPμPjP° PiCHPë
PsPrPSPsC±P°CÍPSPsPjCÍ P»C-PeCÍPIP°PSPSC- PiCHPμPiP°CHP°C,P°PjPë
PSP°PiPμCHCÍC,CIIPSPePë. PŸP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë PiCHPsPSPsCÍPSC-
P·P°CÍPsP±Pë, CIIPeC- PSPμ CÍC,PëPjCÍP»CHCHC,CH PiPμCHPëCÍC,P°P»CHC,PëPeCÍ.

PμCHPμPiP°CHP°C,Pë PSP°PiPμCHCÍC,CIIPSPePë. P°C-PiPsPeP°P»C-C''PjC-CII C,P°/P°P±Ps
PiC-PiPsPjP°PiPSC-C''PjC-CII CÍPiCHPëCIIIC'' C,PsPeCÍPëC±PSC-Pμ PrC-C—
PSP°PiPμCHCÍC,CIIPSPePë. P PμPePsPjPμPSPrCÍC''C,CHCÍCII PiCHPsPIPsPrPëC,Pë

PjPsPSC-C,PsCḡPēPSPi CḡC-PIPsCḡ PeP°P»C-Cḡ, PjP°PiPSC-Cḡ Cr PīP»P°P·PjC- PeCḡPsPIC-
C,P° P·PḡP“-PePsPSC,CḡPsP»Cḡ, P° Cr CḡP°P·C- PSPμPsP±C...C-PrPSPsCḡC,C-
PePsCḡPēPiCḡPIP°C,Pē P»C-PeCḡPIP°PSPSCḡ.

PḡP»PsPīCḡCḡPēPSPsP». PhPrPSPsCḡP°CḡPSPμ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P·
C-SPPrP°PīP°PjC-PrPsPj PjPsPḡPμ PīCḡPēP·PIPμCḡC,Pē PrPs PīC-PrPIPēC%PμPSPSCḡ
CḡP°CḡC,PsC,Pē PIPēPSPēPePSPμPSPSCḡ CḡPμP°PeCḡC-PNē PiC-PīPμCḡCḡCḡC,P»PēIPsCḡC,C-
PrPs P°P»PsPīCḡCḡPēPSPsP»Cḡ.

PhPrPSPsCḡP°CḡPSPμ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ, C%Ps PīPsC,CḡPμP±CḡC” CḡPIP°PiPē

PḡP°P»C-PNēP·P±PμCḡC-PiP°CḡCḡC- PrC-CḡCḡPμC,PēPePē (P°PjC-P»PsCḡPēPr,
CḡPīC-CḡPsPSPsP»P°PeC,PsPS, C,CḡPēP°PjC,PμCḡPμPS). PḡPsPḡP»PēPIPμ
PIPēPSPēPePSPμPSPSCḡ PiC-PīPsPeP°P»C-C”PjC-C— P°P±Ps
PiC-PīPμCḡPeP°P»C-C”PjC-C— (PsCḡPsP±P»PēIPs Cr PīP°CḡC-C”PSC,C-PI P·
PSPēCḡPePsIPsCḡ PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ P°P±Ps P· CḡCḡPeCḡPsPIPēPj
PrC-P°P±PμC,PsPj). PḡP»C-Pr PePsPSC,CḡPsP»CḡPIP°C,Pē CḡC-PIPμPSCḡ PeP°P»C-Cḡ
PI PīP»P°P·PjC- PeCḡPsPIC-, PīCḡPsIPsPrPēC,Pē P·PḡP“-PjPsPSC-C,PsCḡPēPSPi C- Cr
CḡP°P·C- PSPμPsP±C...C-PrPSPsCḡC,C- PīPμCḡPμPiP»CḡPSCḡC,Pē C,PμCḡP°PīC-Cḡ.

PḡPμC,C,,PsCḡPjC-PS. PḡPsPḡPμ CḡPīCḡPēCḡPēPSPēC,Pē PjPsP»PsCḡPSPsPePēCḡP»PēPNē
P°CḡPēPrPsP· PIPSP°CḡP»C-PrPsPe CḡPsP·PIPēC,PeCḡ C,,CḡPSPeCḡC-PsPSP°P»CḡPSPsC—
PSPēCḡPePsIPsC— PSPμPrPsCḡC,P°C,PSPsCḡC,C-, PīPsPīBḡ™ CḡP·P°PSPsC— P·
PīCḡPēPNēPsPjPsPj PrC-CḡCḡPμC,PēPeC-PI, PsCḡPsP±P»PēIPs PīPμC,P»CḡPsPIPēC.... PḡPμ
CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pē PjPμC,C,,PsCḡPjC-PS, CḡPeC%Ps CḡC-PIPμPSCḡ
PeCḡPμP°C,PēPSC-PSCḡ Cr PīP»P°P·PjC- PeCḡPsPIC- PīPμCḡPμPIPēC%CrC” 15 PjPi/P»
(135 PjPePjPsP»Cḡ/P») Cr CḡPsP»PsPIC-PeC-PI C,P° 12 PjPi/P» (110 PjPePjPsP»Cḡ/P») Cr
PḡC-PSPsPe.

P™ PsPrPsPePsPSC,CḡP°CḡC,PSC- P·P°CḡPsP±Pē. Pj CḡP°P·C- PrPμPiC-PrCḡP°C,P°CḡC-C—,
CḡPīCḡPēCḡPēPSPμPSPsC— P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PrC-CḡCḡPμC,PēPeC-PI,
P·CḡPsCḡC,P°C” CḡPēP·PēPe CḡPsP·PIPēC,PeCḡ PiPsCḡC,CḡPsC— PSPēCḡPePsIPsC—
PSPμPrPsCḡC,P°C,PSPsCḡC,C-, PsCḡPsP±P»PēIPs PīCḡPē P·P°CḡC,PsCḡCḡPIP°PSPSC-
PIPμP»PēPePēC... PrPsP· PNēPsPrPsPePsPSC,CḡP°CḡC,PSPēC... P·P°CḡPsP±C-PI. PμPμCḡPμPr
P·P°CḡC,PsCḡPsPICḡPIP°PSPSCḡPj PNēPsPrPsPePsPSC,CḡP°CḡC,PSPēC... PīCḡPμPīP°CḡP°C,C-PI
PSPμPsP±C...C-PrPSPs PIC-PrPSPsPIPēC,Pē PIPsPrPSPēPNē P±P°P»P°PSCḡ.

PḡP°P»CḡCḡC-PNē (CḡPsP»C-). PḡCḡPSCḡC” CḡPēP·PēPe P·P±C-P»CḡC€PμPSPSCḡ
PIPjC-CḡC,Cḡ PeP°P»CḡCḡC-Cḡ PI PeCḡPsPIC- CḡPμCḡPμP· P·PjPμPSC€PμPSPSCḡ PNēPsPiPs
PIPēPIPμPrPμPSPSCḡ C-P· CḡPμCḡPμCḡ.

PīPēPeP»PsCḡPīPsCḡPēPS, C,P°PeCḡPsP»C-PjCḡCḡ. PḡCḡPSCḡC” CḡPēP·PēPe
P·P±C-P»CḡC€PμPSPSCḡ PIPjC-CḡC,Cḡ PeCḡPμP°C,PēPSC-PSCḡ PI PeCḡPsPIC- P±PμP·
P·PjC-PSPē PePsPSCḡPμPSC,CḡP°CḡC-C— CḡPēCḡPeCḡP»CḡCḡCḡPsPiPs
CḡPēPeP»PsCḡPīPsCḡPēPSCḡ, PSP°PIC-C,Cḡ Cr CḡP°P·C- PIC-PrCḡCḡC,PSPsCḡC,C-
PrPμC,,C-CḡPēC,Cḡ PIPsPrPē C,P° PSP°C,CḡC-Cḡ.

PḡPsCḡC,PēPePsCḡC,PμCḡPsC—PrPē, C,PμC,CḡP°PePsP·P°PeC,PēPr
(CḡPēCḡC,PμPjPSPsC— PrC-C—). P—PjPμPSC€CḡCḡC,Cḡ
P°PSC,PēPiC-PīPμCḡC,PμPSP·PēPIPSPēPNē PμC,,PμPeC, (P·P°C,CḡPēPjPeP° PIPsPrPē C,P°
C-PsPSC-PI PSP°C,CḡC-Cḡ PīC-Pr PIPiP»PēIPsPj PePsCḡC,PēPePsCḡC,PμCḡPsC—PrC-PI).

PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCáPIP°PSPSCÍ.

PhCÍPsP±P»PëPIC- P·P°CÍC,PμCḡPμP¶PμPSPSCÍ.

PhCÍPsP±P»PëPIC- P·P°CÍC,PμCḡPμP¶PμPSPSCÍ, CÍPíC-P»CHPSC- PrP»CÍ
PiPμCḡPëPSPPrPsPiCḡPëP»Cá C,P° C-PSPPrP°PiP°PjC-PrCá.

P"»CÍ PSPëP·CHPePsPrPsP·PsPIPsC— PePsPjP±C-PSP°C†C-C— P»C-PeP°CḡCÍCHPePsPiPs
P·P°CÍPsP±C† P†Pḡ-PḡP»P†PḡP·P PSPμ P±C†P»Ps PiCḡPsPrPμPjPsPSCÍC,CḡPsPIP°PSPs
PrPsCÍC,PsPIC-CḡPSPsPiPs P·PSPëP¶PμPSPSCÍ PSPμP±P°P¶P°PSPëC... CḡPμP°PeC†C-PNḡ
PiPsCḡC-PIPsCÍPSPs P· P·P°CÍC,PsCÍC†PIP°PSPSCÍPj PIC-PrPiPsPIC-PrPSPëC... PrPsP· C—C—
PePsPjPiPsPSPμPSC,C-PI CÍPe PjPsPSPsPiCḡPμPiP°CḡP°C,C-PI, P·P° PIPëPSCÍC,PePsPj
PiC-PiPsPeP°P»C-C"†PjC-C— (PrPëPI. CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

PiPeC%Ps PiP°C†C-C"†PSC, PiPsC†PëPSP°C" P·P°CÍC,PsCÍC†PIP°PSPSCÍ PsPrCḡP°P·C†
PrPIPsC... PSPsPIPëC... P°PSC,PëPiC-PiPμCḡC,PμPSP·PëPIPsPëC... PrC-CḡC†PëC...
CḡPμC†PsPIPëPS, PSPμ PjPsP¶PSP° PIPëPeP»CḡC†PëC,Pë PiC-PrPIPëC%PμPSPSCÍ
C†P°CÍC,PsC,Pë PIPëPSPëPePSPμPSPSCÍ C-PrC-PsCÍPëPSPeCḡP°C,PëC†PSPëC...
CḡPμP°PeC†C-PNḡ. P"»CÍ PjC-PSC-PjC-P·P°C†C-C— C,P°PePsPiPs CḡPëP·PëPeC† CÍP»C-Pr
CḡPμC,PμP»CHPSPs PePsPSC,CḡPsP»CḡPIP°C,Pë CÍC,P°PS PiP°C†C-C"†PSC,P°.

P»C-C,C-PNḡ. PhPrPSPsC†P°CÍPSPμ P·P°CÍC,PsCÍC†PIP°PSPSCÍ P·
PePsPjP±C-PSP°C†C-C"†Cḡ PiPμCḡPëPSPPrPsPiCḡPëP»/C-PSPPrP°PiP°PjC-Pr
P·P°P·PIPëC†P°PNḡ PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPμ (PrPëPI. CḡPsP·PrC-P»
B«P'P·P°C"†PjPsPrC-CÍ P· C-PSC€PëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë
C,P° C-PSC€C- PIPëPrPë PIP·P°C"†PjPsPrC-PNḡB»).

PhCÍPsP±P»PëPIC- P·P°CÍC,PμCḡPμP¶PμPSPSCÍ, PiPsPiḡḡ™CÍIP·P°PSC- P·
PiPμCḡPëPSPPrPsPiCḡPëP»PsPj

PμPsPrPIC-PNḡPSP° P±P»PsPeP°PrP° CḡPμPSC-PS-P°PSPiC-PsC,PμPSP·PëPS-
P°P»CHPrPsCÍC,PμCḡPsPSPsPIPsC— CÍPëCÍC,PμPjPë (P PhPḡPḡ). P†CÍPSC†CḡC,CH PrP°PSC-,
C%Ps PsPrPSPsC†P°CÍPSPμ P·P°CÍC,PsCÍC†PIP°PSPSCÍ C-PḡPμPḡ, P±P»PsPeP°C,PsCḡC-PI
CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSC† P†P† P°P±Ps P°P»C-CÍPeC-CḡPμPSC†
PiC-PrPIPëC%C†C" CḡPëP·PëPe PIPëPSPëPePSPμPSPSCÍ P°CḡC,PμCḡC-P°P»CHPSPsC—
PiC-PiPsC,PμPSP·C-C—, PiC-PiPμCḡPeP°P»C-C"†PjC-C— C,P° P·PSPëP¶PμPSPSCÍ
C,,C†PSPeC†C-C— PSPëCḡPsPe (C† C,PsPjC† C†PëCÍP»C- PiPsCÍC,CḡPsC— PSPëCḡPePsPIPsC—
PSPμPrPsCÍC,P°C,PSPsCÍC,C-). PḡPsPjC† P·P°CÍC,PsCÍC†PIP°PSPSCÍ PiPsPrPIC-PNḡPSPsC—
P±P»PsPeP°PrPë P PhPḡPḡ PIPSP°CÍP»C-PrPsPe PsPrPSPsC†P°CÍPSPsPiPs PiCḡPëPNḡPsPjC†
C-PḡPμPḡ, P±P»PsPeP°C,PsCḡC-PI CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSC† P†P†
P°P±Ps P°P»C-CÍPeC-CḡPμPSC† PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPs (PrPëPI. CḡPsP·PrC-P»Pë
B«P'P·P°C"†PjPsPrC-CÍ P· C-PSC€PëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C"†PjPsPrC-PNḡB» C- B«PḡP°CḡPjP°PePsPrPëPSP°PjC-PeP°B»).

PiPeC%Ps P¶ C,PμCḡP°PiC-CÍ PiPsPrPIC-PNḡPSPsCḡ P±P»PsPeP°PrPsCḡ P PhPḡPḡ
PIPIP°P¶P°C"†CḡCÍC P°P±CÍPsP»CḡC,PSPs PSPμPsP±C...C-PrPSPsCḡ, C,Ps C—C—
CÍP»C-Pr PiCḡPsPIPsPrPëC,Pë C,C-P»CHPePë PiC-Pr PSP°PiP»CÍPrPsPj
CÍPiPμC†C-P°P»C-CÍC,P° C,P° P·P° C†PjPsPIPë C†P°CÍC,PsPiPs CḡPμC,PμP»CHPSPsPiPs
PjPsPSC-C,PsCḡPëPSPiC† C,,C†PSPeC†C-C— PSPëCḡPsPe, CḡC-PIPsCÍ
PμP»PμPeC,CḡPsP»C-C,C-PI C,P° P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëCÍPeC†.
PμP°C†C-C"†PSC,P°Pj C-P· PrC-P°P±PμC,PëC†PSPsCḡ PSPμC,,CḡPsPiP°C,C-C"†Cḡ PSPμ CÍP»C-Pr
P·P°CÍC,PsCÍPsPIC†PIP°C,Pë PsPrPSPsC†P°CÍPSPs C-PḡPμPḡ C,P° P±P»PsPeP°C,PsCḡC
CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSC† P†P†.

P⁺C-PiPuCF₃C⁺CrC, P⁺PePIC-Cl₃C, CH₃/P⁺PSPiC-PsPSPuPIC₃PsC, PeC⁺±PSPePN₃, PSP⁺P±CH₃Cl₃Pe

(P°PSPiC-PsPμPrPμPjP°). PJ PīP°C†C-C°PSC,C-PI, CμPeC- P·P°C†C,PsC†PsPIC†PIP°P»Pë
 C-PḥPμPα, Cr C,PsPjCr C‡PëC†P»C- PīPμCḥPëPSPPrPsPīCḥPëP», PīPsPIC-PrPsPjP»CμP»PsC†Cμ
 PīCḥPs CḥC-PrPeC-C†PSC- PIPëPīP°PrPePë P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPsPiPs
 PSP°P±CḥCμPeCr PsP±P»PëC‡C‡Cμ, PeC-PSC†C-PIPsPe, PiCrP±, CμP·PëPeP°,
 PiPsP»PsC†PsPiPsC— C°C-P»PëPSPë C,P°/P°P±Ps PiPsCḥC,P°PSC- (PrPëPI. CḥPsP·PrC-P»
 B«PμPsP±C-C‡PSC- CḥPμP°PeC†C-C—B»). PjPμ PjPsP¶Pμ C†C,P°C,PëC†Cμ P±CrPrCḥ-PePsP»Pë
 PīC-Pr C‡P°C† P»C-PeCrPIP°PSPSCμ. PJ C,P°PePëC... PIPëPīP°PrPeP°C... PSPμPsP±C...C-PrPSPs
 C,PμCḥPjC-PSPsPiPs PīCḥPëPīPëPSPëC,Pë PīCḥPëPNḡPsPj PīCḥPμPīP°CḥP°C,Cr C,P°
 PIC†C,P°PSPsPIPëC,Pë PjPμPrPëC‡PSPëPNḡ PSP°PiP»CμPr P·P° C†C,P°PSPsPj PīP°C†C-C°PSC,P°
 PrPs PīPsPIPSPsPiPs P·PSPëPePSPμPSPSCμ C†PëPjPiC,PsPjC-PI. PīPeC°Ps PSP°P±CḥCμPe
 CḥPsP·PīPsPIC†CḥPrP¶CrPIP°PIC†Cμ P»PëCëPμ PI P·PsPSC- PsP±P»PëC‡C‡Cμ C,P° PiCrP±,
 C†C,P°PS PīP°C†C-C°PSC,P°, CμPe PīCḥP°PIPëP»Ps, PīPsPeCḥP°C°CrPIP°PIC†Cμ P±PμP·
 P»C-PeCrPIP°PSPSCμ, C...PsC‡P° P·P°C†C,PsC†CrPIP°PSPSCμ
 P°PSC,PëPiC-C†C,P°PjC-PSPSPëC... PīCḥPμPīP°CḥP°C,C-PI P±CrP»Ps PePsCḥPëC†PSPëPj
 PrP»Cμ P·PjPμPSCëPμPSPSCμ C†PëPjPiC,PsPjC-PI. PḥPSPiC-PsPSPμPICḥPsC,PëC‡PSPëPNḡ
 PSP°P±CḥCμPe, PīPsPIḇḥ™ CμP·P°PSPëPNḡ C-P· PSP°P±CḥCμPePsPj PiPsCḥC,P°PSC-, PjPsP¶Pμ
 PīCḥPëP·PIPμC†C,Pë PrPs P»PμC,P°P»CḥPSPsPiPs PSP°C†P»C-PrPeCr. PīPeC°Ps
 PSP°P±CḥCμPe CḥPsP·PīPsPIC†CḥPrP¶CrC°C,CḥC†Cμ PSP° CμP·PëPe, PiPsP»PsC†PsPIC†
 C°C-P»PëPSCr P°P±Ps PiPsCḥC,P°PSCḥ, C°Ps PjPsP¶Pμ PīCḥPëP·PIPμC†C,Pë PrPs
 PsP±C†C,CḥCrPeC†C-C— PrPëC...P°P»CḥPSPëC... CëP»CμC...C-PI, PSPμPsP±C...C-PrPSP°
 C,PμCḥPjC-PSPsPIP° PSPμPIC-PrPeP»P°PrPSP° C,PμCḥP°PiC-Cμ, CμPeP° PjPsP¶Pμ
 PIPëP»CḥC‡P°C,Pë PīC-PrCëPeC-CḥPSPμ PIPiPμPrPμPSPSCμ CḥPsP·C‡PëPSCr
 PμPiC-PSPμC,,CḥPëPSCr 1:1000 (0,3-0,5 PjP») C,P°/P°P±Ps P·P°C...PsPrPë C°PsPrPs
 P·P°P±PμP·PīPμC‡PμPSPSCμ PīCḥPsC...C-PrPSPsC†C,C- PrPëC...P°P»CḥPSPëC...
 CëP»CμC...C-PI. PμCḥPs PIPëPSPëPePSPμPSPSCμ P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPsPiPs
 PSP°P±CḥCμPeCr C‡P°C†C,C-CëPμ PīPsPIC-PrPsPjP»CμP»PsC†Cμ Cr PīP°C†C-C°PSC,C-PI
 PSPμPICḥPsC—PrPSPsC— CḥP°C†Pë, CμPeC- P·P°C†C,PsC†PsPIC†PIP°P»Pë C-PḥPμPα,
 PīPsCḥC-PIPSCμPSPs P· PīCḥPμPrC†C,P°PIPSPëPeP°PjPë C-PSCëPëC... CḥP°C†.
 PμP°C†C-C°PSC,Pë P· P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPëPj PSP°P±CḥCμPePsPj PI
 P°PSP°PjPSPμP·C-, CμPePëPNḡ PSPμ P±CrPI PīPsPIḇḥ™ CμP·P°PSPëPNḡ P· PīCḥPëPNḡPsPjPsPj
 C-PḥPμPα, PSP°P»PμP¶P°C,Cḥ PrPs PīCḥCrPīPë PīC-PrPIPëC°PμPSPsPiPs CḥPëP·PëPeCr
 CḥPsP·PIPëC,PeCr P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPsPiPs PSP°P±CḥCμPeCr PīC-Pr
 C‡P°C† PīCḥPëPNḡPsPjCr C-PḥPμPα. PμPsPIC-PrPsPjP»CμP»PsC†Cμ PīCḥPs
 CḥC-PrPeC-C†PSC- PIPëPīP°PrPePë C-PSC,PμC†C,PëPSP°P»CḥPSPsPiPs
 P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPsPiPs PSP°P±CḥCμPeCr Cr PīP°C†C-C°PSC,C-PI,
 CμPeC- PsC,CḥPëPjCrPIP°P»Pë P»C-PeCrPIP°PSPSCμ C-PḥPμPα. PJ C,P°PePëC...
 PīP°C†C-C°PSC,C-PI PIC-PrP·PSP°C‡P°PIC†Cμ P°P±PrPsPjC-PSP°P»CḥPSPëPNḡ
 P±C-P»Cḥ (P· PSCrPrPsC,PsCḥ C,P° P±P»CḥPIP°PSPSCμPj P°P±Ps P±PμP· PSPëC...);
 C-PSPsPrC- C-PSC,PμC†C,PëPSP°P»CḥPSPëPNḡ P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPëPNḡ
 PSP°P±CḥCμPe PSPμ C†CrPīCḥPsPiPsPrP¶CrPIP°PIC†Cμ PīCḥPsCμIPsPj
 PīPsPīPμCḥPμPrPSCḥPsPiPs P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPsPiPs PSP°P±CḥCμPeCr
 PsP±P»PëC‡C‡Cμ C,P° CḥC-PIPμPSCḥ C-PSPiC-P±C-C,PsCḥCr PŸ1-PμC†C,PμCḥP°P·Pë
 P±CrPI Cr PSPsCḥPjC-. P°C-P°PiPSPsP· P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPsPiPs
 PSP°P±CḥCμPeCr P±CrP»Ps PIC†C,P°PSPsPIP»PμPSPs P·P° PrPsPīPsPjPsPiPsCḥ
 C,P°PePëC... PīCḥPsC†PμPrCrCḥ, CμPe PePsPjPīḇḥ™ CḥC,PμCḥPSP°
 C,PsPjPsPīCḥP°C,,C-Cμ P°P±PrPsPjC-PSP°P»CḥPSPsC— PrC-P»CμPSPëPë P°P±Ps
 CrP»CḥC,CḥP°P·PIC†PePsPIPμ PrPsC†P»C-PrP¶PμPSPSCμ, P°P±Ps PīC-Pr C‡P°C†
 C...C-CḥCrCḥPiC-C‡PSPsPiPs PIC,CḥCrC‡P°PSPSCμ; PīC-C†P»Cμ PIC-PrPjC-PSPë
 C-PḥPμPα C†PëPjPiC,PsPjPë P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPsPiPs PSP°P±CḥCμPeCr

P·PSPëPeP°P»Pë. PµCḡPë PIPëPSPëPePSPµPSPSC- P°P±PrPsPjC-PSP°P»CHßPSPsPiPs
P±PsP»Cḡ Cr PïP°C†C-C''PSC,C-PI, CḡPeC- PïCḡPëPNëPjP°CḡC,CHß C-PḡPµPḡ, CḡP»C-Pr
PïCḡPsPIPµCḡC,Pë PrPëC,,PµCḡPµPSC†C-P°P»CHßPSCḡ PrC-P°PiPSPsCḡC,PëPeCḡ,
C%PsP± PIPëPeP»CḡC†PëC,Pë C-PSC,PµCḡC,PëPSP°P»CHßPSPëPNë
P°PSPiC-PsPSPµPICḡPsC,PëC†PSPëPNë PSP°P±CḡCḡPe.

PḡPrPSPsC†P°CḡPSPµ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PïPµCḡPëPSPPrPsPïCḡPëP»Cḡ P·
CḡP°PeCḡP±C-C,CḡPëP»PsPj/PIP°P»CḡP°CḡC,P°PSPsPj PïCḡPsC,PëPïPsPeP°P·P°PSPµ
C†PµCḡPµP· PïC-PrPIPëC%PµPSPëPNë CḡPëP·PëPe CḡPsP·PIPëC,PeCḡ
P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs PSP°P±CḡCḡPeCḡ. P PsP·PïPsC†PëPSP°C,Pë
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡP°PeCḡP±C-C,CḡPëP»Cḡ/PIP°P»CḡP°CḡC,P°PSCḡ CḡP»C-Pr PSPµ
CḡP°PSC-CëPµ PSC-Pḡ C†PµCḡPµP· 36 PiPsPrPëPS PïC-CḡP»Cḡ PïCḡPëPNëPsPjCḡ
PsCḡC,P°PSPSCHßPsC— PrPsP·Pë PïPµCḡPëPSPPrPsPïCḡPëP»Cḡ. Pj CḡP°P·C-
PïCḡPëPïPëPSPµPSPSCḡ P»C-PeCḡPIP°PSPSCḡ
CḡP°PeCḡP±C-C,CḡPëP»PsPj/PIP°P»CḡP°CḡC,P°PSPsPj C,PµCḡP°PïC-Cḡ
PïPµCḡPëPSPPrPsPïCḡPëP»PsPj CḡP»C-Pr CḡPsP·PïPsC†PëPSP°C,Pë PSPµ CḡP°PSC-CëPµ PSC-Pḡ
C†PµCḡPµP· 36 PiPsPrPëPS PïC-CḡP»Cḡ PïCḡPëPNëPsPjCḡ PsCḡC,P°PSPSCHßPsC— PrPsP·Pë
CḡP°PeCḡP±C-C,CḡPëP»Cḡ/PIP°P»CḡP°CḡC,P°PSCḡ (PrPëPI. CḡPsP·PrC-P»Pë
B«PµCḡPsC,PëPïPsPeP°P·P°PSPSCḡB» C- B«P'P·P°C''PjPsPrC-Cḡ P· C-PSCëPëPjPë
P»C-PeP°CḡCḡCHßPePëPjPë P·P°CḡPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C''PjPsPrC-PNëB»).

PḡPrPSPsC†P°CḡPSPµ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C-PḡPµPḡ P· C-PSPiC-P±C-C,PsCḡP°PjPë
PSPµPNëC,CḡP°P»CHßPSPsC— PµPSPPrPsPïPµPïC,PëPrP°P·Pë (PḡP·Pµ) (PSP°PïCḡPëPeP»P°Pr
CḡP°C†PµPeP°PrPsC,CḡPëP»PsPj), C-PSPiC-P±C-C,PsCḡP°PjPë mTOR (PSP°PïCḡPëPeP»P°Pr
CḡPëCḡPsP»C-PjCḡCḡPsPj, PµPIPµCḡPsP»C-PjCḡCḡPsPj, C,PµPjCḡPëCḡPsP»C-PjCḡCḡPsPj) C,P°
PiP»C-PïC,PëPSP°PjPë (PSP°PïCḡPëPeP»P°Pr P»C-PSP°PiP»C-PïC,PëPSPsPj,
CḡP°PeCḡP°PiP»C-PïC,PëPSPsPj, CḡPëC,P°PiP»C-PïC,PëPSPsPj,
PIC-P»CHßPrP°PiP»C-PïC,PëPSPsPj) PjPsPḡPµ PïCḡPëP·PIPµCḡC,Pë PrPs
PïC-PrPIPëC%PµPSPSCḡ CḡPëP·PëPeCḡ CḡPsP·PIPëC,PeCḡ
P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs PSP°P±CḡCḡPeCḡ (PSP°PïCḡPëPeP»P°Pr
PSP°P±CḡCḡPeCḡ PrPëC...P°P»CHßPSPëC... CëP»CḡC...C-PI P°P±Ps CḡP·PëPeP°, P·
PïPsCḡCḡCëPµPSPSCḡPj C,,CḡPSPeC†C-C— PrPëC...P°PSPSCḡ P°P±Ps P±PµP·) (PrPëPI.
CḡPsP·PrC-P» B«P'P·P°C''PjPsPrC-Cḡ P· C-PSCëPëPjPë P»C-PeP°CḡCḡCHßPePëPjPë
P·P°CḡPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C''PjPsPrC-PNëB»).

PḡP»C-Pr P·
PsP±PµCḡPµPḡPSC-CḡC,Cḡ CḡPsP·PïPsC†PëPSP°C,Pë P»C-PeCḡPIP°PSPSCḡ
CḡP°C†PµPeP°PrPsC,CḡPëP»PsPj, C-PSPiC-P±C-C,PsCḡP°PjPë mTOR C,P° PiP»C-PïC,PëPSP°PjPë
PïP°C†C-C''PSC,C-PI, CḡPeC- PIPḡPµ P·P°CḡC,PsCḡPsPICḡCḡC,CHß C-PḡPµPḡ.

PḡPSP°C,,C-P»P°PeC,PsC—PrPSC- CḡPµP°PeC†C-C— PïC-Pr C†P°Cḡ
PrPµCḡPµPSCḡPëP±C-P»C-P·P°C†C-C—. PµPsPIC-PrPsPjP»CḡP»PsCḡCḡ PïCḡPs
PïPsPsPrPëPSPsPeC- PIPëPïP°PrPePë C,CḡPëPIP°P»PëC... P°PSP°C,,C-P»P°PeC,PsC—PrPSPëC...
CḡPµP°PeC†C-PNë, C%Ps P·P°PïCḡPsPḡCḡPIP°P»Pë PḡPëC,C,Cḡ, Cr PïP°C†C-C''PSC,C-PI, CḡPeC-
PïCḡPëPNëPjP°P»Pë C-PḡPµPḡ PïC-Pr C†P°Cḡ PrPµCḡPµPSCḡPëP±C-P»C-P·CḡCḡC†PsC—
C,PµCḡP°PïC-C— PïCḡPµPïP°CḡP°C,P°PjPë, C%Ps PjC-CḡC,CḡC,CHß P±PrPḡPsP»PëPSCḡ
PsC,CḡCḡC,Cḡ. C-PḡPµPḡ CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë P· PsP±PµCḡPµPḡPSC-CḡC,Cḡ
PïP°C†C-C''PSC,P°Pj P· P°P»PµCḡPiC-C''Cḡ PïC-CḡP»Cḡ PïCḡPsPIPµPrPµPSPSCḡ
PrPµCḡPµPSCḡPëP±C-P»C-P·P°C†C-C— C,P° CḡPSPëPeP°C,Pë C—C... PïCḡPëPNëPsPjCḡ PïC-Pr
C†P°Cḡ C-PjCḡPSPsC,PµCḡP°PïC-C— PïCḡPµPïP°CḡP°C,P°PjPë, C%Ps PjC-CḡC,CḡC,CHß
P±PrPḡPsP»PëPSCḡ PsC,CḡCḡC,Cḡ. PḡP»Pµ Cr PïP°C†C-C''PSC,C-PI, CḡPeC-
PïPsC,CḡPµP±CḡCḡC,CHß P·P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡPe C-PḡPµPḡ, C,P°Pe C-
PrPµCḡPµPSCḡPëP±C-P»C-P·P°C†C-C—, C,P°PePëC... CḡPµP°PeC†C-PNë PjPsPḡPSP°
CḡPSPëPePSCḡC,Pë P·P°PIPḡCḡPePë C,PëPjC†P°CḡPsPIPsPjCḡ PïCḡPëPïPëPSPµPSPSCḡ

PiC7jPëPNzPsPjCí C-P7P4Pz C%0PsPSP°PNzPjPµPSC€Pµ P·P° 24 PiPsPrPëPSPë PiPµC7jPµPr
PiPsC±P°C,PePsPj PrPµCíPµPSCíPëP±C-P»C-P·CrC7C±PsC— C,PµC7jP°PiC—C—.

PḥPSP°C,,C-P»P°PeC,PsC—PrPSC- CḥPḥPḥP°PeC†C-C— PiC-Pr C‡P°C† P°C,,PḥCḥPḥPḥP·C†
P»C-PiPsPiCḥPsC,PḥC—PrC-PI PSPëP·CḥPePsC— C%oC-P»CḥPSPsC†C,C- (P‡P°P°). Pj
 PiP°C†C-C”PSC,C-PI, CḥPeC- P·P°C†C,PsC†PsPIC†PIP°P»Pë C-PḥPḥPḥ PiC-Pr C‡P°C†
 PiCḥPsPiPḥPrPḥPSPSCḥ P°C,,PḥCḥPḥP·C† P‡P°P° P· PIPëPePsCḥPëC†C,P°PSPSCḥPj
 PrPḥPeC†C,CḥP°PSC† C†C†P»CḥC,,P°C,C†, CḥC-PrPePs PiPsPIC-PrPsPjP»CḥP»PsC†Cḥ PiCḥPs
 PIPëPSPëPePSPḥPSPSCḥ PSPḥP±PḥP·PiPḥC‡PSPëC... PrP»Cḥ PḥPëC,C,Cḥ
 P°PSP°C,,C-P»P°PeC,PsC—PrPSPëC... CḥPḥP°PeC†C-PNë. PḥPëC... CḥPḥP°PeC†C-PNë PjPsPḥPSP°
 C†PSPëPePSC†C,Pë, CḥPeC%oPs C,PëPjC‡P°C†PsPIPs C†C,CḥPëPjP°C,PëC†Cḥ PIC-Pr
 C,PḥCḥP°PiC-C— C-PḥPḥPḥ PiPḥCḥPḥPr PiCḥPsPiPḥPrPḥPSPSCḥPj PePsPḥPSPsPiPs
 P°C,,PḥCḥPḥP·C†.

Р₁Р₂°С†С-С"Р₃С,Р₄Є, С†Р₅ЄС- Р₆Р₇Р₈С†Р₉Р₁₀±С†Р₁₁Р₁₂°С†С,С† Р₁₃Р₁₄° Р₁₅Р₁₆Р₁₇Р₁₈Р₁₉С-Р₂₀Р₂₁»С-Р₂₂С-
 Р₂₃Р₂₄Р₂₅Р₂₆С-Р₂₇Р₂₈Р₂₉Р₃₀»С†Р₃₁Р₃₂»Р₃₃С†С†Р₃₄ Р₃₅С†Р₃₆Р₃₇ Р₃₈Р₃₉Р₄₀Р₄₁°Р₄₂Р₄₃Р₄₄Р₄₅ Р₄₆Р₄₇Р₄₈Р₄₉Р₅₀Р₅₁Р₅₂Р₅₃Р₅₄Р₅₅Р₅₆Р₅₇Р₅₈Р₅₉Р₆₀Р₆₁Р₆₂Р₆₃Р₆₄Р₆₅Р₆₆Р₆₇Р₆₈Р₆₉Р₇₀Р₇₁Р₇₂Р₇₃Р₇₄Р₇₅Р₇₆Р₇₇Р₇₈Р₇₉Р₈₀Р₈₁Р₈₂Р₈₃Р₈₄Р₈₅Р₈₆Р₈₇Р₈₈Р₈₉Р₉₀Р₉₁Р₉₂Р₉₃Р₉₄Р₉₅Р₉₆Р₉₇Р₉₈Р₉₉Р₁₀₀Р₁₀₁Р₁₀₂Р₁₀₃Р₁₀₄Р₁₀₅Р₁₀₆Р₁₀₇Р₁₀₈Р₁₀₉Р₁₁₀Р₁₁₁Р₁₁₂Р₁₁₃Р₁₁₄Р₁₁₅Р₁₁₆Р₁₁₇Р₁₁₈Р₁₁₉Р₁₂₀Р₁₂₁Р₁₂₂Р₁₂₃Р₁₂₄Р₁₂₅Р₁₂₆Р₁₂₇Р₁₂₈Р₁₂₉Р₁₃₀Р₁₃₁Р₁₃₂Р₁₃₃Р₁₃₄Р₁₃₅Р₁₃₆Р₁₃₇Р₁₃₈Р₁₃₉Р₁₄₀Р₁₄₁Р₁₄₂Р₁₄₃Р₁₄₄Р₁₄₅Р₁₄₆Р₁₄₇Р₁₄₈Р₁₄₉Р₁₅₀Р₁₅₁Р₁₅₂Р₁₅₃Р₁₅₄Р₁₅₅Р₁₅₆Р₁₅₇Р₁₅₈Р₁₅₉Р₁₆₀Р₁₆₁Р₁₆₂Р₁₆₃Р₁₆₄Р₁₆₅Р₁₆₆Р₁₆₇Р₁₆₈Р₁₆₉Р₁₇₀Р₁₇₁Р₁₇₂Р₁₇₃Р₁₇₄Р₁₇₅Р₁₇₆Р₁₇₇Р₁₇₈Р₁₇₉Р₁₈₀Р₁₈₁Р₁₈₂Р₁₈₃Р₁₈₄Р₁₈₅Р₁₈₆Р₁₈₇Р₁₈₈Р₁₈₉Р₁₉₀Р₁₉₁Р₁₉₂Р₁₉₃Р₁₉₄Р₁₉₅Р₁₉₆Р₁₉₇Р₁₉₈Р₁₉₉Р₂₀₀Р₂₀₁Р₂₀₂Р₂₀₃Р₂₀₄Р₂₀₅Р₂₀₆Р₂₀₇Р₂₀₈Р₂₀₉Р₂₁₀Р₂₁₁Р₂₁₂Р₂₁₃Р₂₁₄Р₂₁₅Р₂₁₆Р₂₁₇Р₂₁₈Р₂₁₉Р₂₂₀Р₂₂₁Р₂₂₂Р₂₂₃Р₂₂₄Р₂₂₅Р₂₂₆Р₂₂₇Р₂₂₈Р₂₂₉Р₂₃₀Р₂₃₁Р₂₃₂Р₂₃₃Р₂₃₄Р₂₃₅Р₂₃₆Р₂₃₇Р₂₃₈Р₂₃₉Р₂₄₀Р₂₄₁Р₂₄₂Р₂₄₃Р₂₄₄Р₂₄₅Р₂₄₆Р₂₄₇Р₂₄₈Р₂₄₉Р₂₅₀Р₂₅₁Р₂₅₂Р₂₅₃Р₂₅₄Р₂₅₅Р₂₅₆Р₂₅₇Р₂₅₈Р₂₅₉Р₂₆₀Р₂₆₁Р₂₆₂Р₂₆₃Р₂₆₄Р₂₆₅Р₂₆₆Р₂₆₇Р₂₆₈Р₂₆₉Р₂₇₀Р₂₇₁Р₂₇₂Р₂₇₃Р₂₇₄Р₂₇₅Р₂₇₆Р₂₇₇Р₂₇₈Р₂₇₉Р₂₈₀Р₂₈₁Р₂₈₂Р₂₈₃Р₂₈₄Р₂₈₅Р₂₈₆Р₂₈₇Р₂₈₈Р₂₈₉Р₂₉₀Р₂₉₁Р₂₉₂Р₂₉₃Р₂₉₄Р₂₉₅Р₂₉₆Р₂₉₇Р₂₉₈Р₂₉₉Р₃₀₀Р₃₀₁Р₃₀₂Р₃₀₃Р₃₀₄Р₃₀₅Р₃₀₆Р₃₀₇Р₃₀₈Р₃₀₉Р₃₁₀Р₃₁₁Р₃₁₂Р₃₁₃Р₃₁₄Р₃₁₅Р₃₁₆Р₃₁₇Р₃₁₈Р₃₁₉Р₃₂₀Р₃₂₁Р₃₂₂Р₃₂₃Р₃₂₄Р₃₂₅Р₃₂₆Р₃₂₇Р₃₂₈Р₃₂₉Р₃₃₀Р₃₃₁Р₃₃₂Р₃₃₃Р₃₃₄Р₃₃₅Р₃₃₆Р₃₃₇Р₃₃₈Р₃₃₉Р₃₄₀Р₃₄₁Р₃₄₂Р₃₄₃Р₃₄₄Р₃₄₅Р₃₄₆Р₃₄₇Р₃₄₈Р₃₄₉Р₃₅₀Р₃₅₁Р₃₅₂Р₃₅₃Р₃₅₄Р₃₅₅Р₃₅₆Р₃₅₇Р₃₅₈Р₃₅₉Р₃₆₀Р₃₆₁Р₃₆₂Р₃₆₃Р₃₆₄Р₃₆₅Р₃₆₆Р₃₆₇Р₃₆₈Р₃₆₉Р₃₇₀Р₃₇₁Р₃₇₂Р₃₇₃Р₃₇₄Р₃₇₅Р₃₇₆Р₃₇₇Р₃₇₈Р₃₇₉Р₃₈₀Р₃₈₁Р₃₈₂Р₃₈₃Р₃₈₄Р₃₈₅Р₃₈₆Р₃₈₇Р₃₈₈Р₃₈₉Р₃₉₀Р₃₉₁Р₃₉₂Р₃₉₃Р₃₉₄Р₃₉₅Р₃₉₆Р₃₉₇Р₃₉₈Р₃₉₉Р₄₀₀Р₄₀₁Р₄₀₂Р₄₀₃Р₄₀₄Р₄₀₅Р₄₀₆Р₄₀₇Р₄₀₈Р₄₀₉Р₄₁₀Р₄₁₁Р₄₁₂Р₄₁₃Р₄₁₄Р₄

Р_μР_μС₇PIPëPSPSPëPN₀ Р°Р»С₇НPrPsC₇Г, Р_μС₇PsPSC-Р·Р_j. Р_μР°С₇С-С"РSC, Рë Р·
РiР_μС₇PIPëPSPSPëPj РiС-РiР_μС₇Р°Р»С₇НPrPsC₇Г, Р_μС₇PsPSC-Р·Р_jPsР_j, С₇Рë РiС₇Р°PIPëР»Ps,
РSP_μ РiС-РrРiPsРiС-РrР°С₇Г, С₇Н РSP° Р»С-РëС₇РiР°РSPSC₇
Р°РSC, РëРiС-РiР_μС₇Г, Р_μРSP·РëРiРSPëР_jРë Р»С-РëР°С₇Г₇С₇НРëРëР_jРë Р·Р°С₇РsР±Р°Р_jРë,
С₇РëС- РrС-С₇Г, С₇Н СëР»С₇Г...РsР_j РiС₇РëРiРSC-С₇Р_μРSPSC₇ С₇Р_μРSC-РS-
Р°РSPiС-РsС, Р_μРSP·РëРSPsРiРsС— Г₇РëС₇Г, Р_μР_jРë. Р₇РsР_jС₇ С, Р°РëРëР_j РiР°С₇С-С"РSC, Р°Р_j
Р·Р°С₇Г, РsС₇РsРiС₇РiР°С, Рë РrР°РSPëPN₀ РiС₇Р_μРiР°С₇Р°С, РSP_μ
С₇Р_μРëРsР_jР_μРSPrС₇С"С, С₇НС₇Г.

P_μP°C†C-C"PSC,Pë PiC-Cl'P»CΠ C,C₇P°PSCI'PiP»P°PSC,P°C†C-C— PSpëC₇PePë.
 P"P_sCÍPIC-Pr PiC₇PëP·PSP°C‡P_μPSPSCΠ PiP_μC₇PëPSPrPsPiC₇PëP» PiP°C†C-C"PSC,P°Pj
 PiC-Cl'P»CΠ PSP_μC%oPsPrP°PIPSs PiP_μC₇P_μPSP_μCÍ'P_μPSPsC— PsPiP_μC₇P°C†C-C— P·
 C,C₇P°PSCI'PiP»P°PSC,P°C†C-C— PSpëC₇PePë PIC-PrCÍ'C,C,PSC-PN₆.

P_hC_hC, P_μC_hC-P°P»CH_hPSP° PiC-PiPsC, P_μPSP·C-Cl_i. P_μPsPIC-PrPsPjP»Cl_iP»PsCf_iCl_i PiC_hPs
PIPëPSPëPePSP_μPSPSCl_i Cl_iPëPjPiC, PsPjP°C, PëC±PSPsC— P°C_hC, P_μC_hC-P°P»CH_hPSPsC—
 PiC-PiPsC, P_μPSP·C-C— Cr PiP°C†C-C”PSC, C-PI C-P· Cl_iPëPjPiC, PsPjP°C, PëC±PSPsC_h
 Cl_iP_μC_hC†P_μPIPsC_h PSP_μPrPsCf_iC, P°C, PSC-Cl_iC, C_h C, P° Cl_iCrPiCf_iC, PSCh_hPsC_h
 PSPëC_hPePsPIPsC_h PSP_μPrPsCf_iC, P°C, PSC-Cl_iC, C_h P°P±Ps P±P_μP· PSP_μC—.
 P’PëPSPëPePSP_μPSPSCl_i Cl_iPëPjPiC, PsPjP°C, PëC±PSPsC— P°C_hC, P_μC_hC-P°P»CH_hPSPsC—
 PiC-PiPsC, P_μPSP·C-C— C” PIC-C_hPsPiC-PrPSC-CëPëPj Cr PiP°C†C-C”PSC, C-PI C-P·
 P±C-P»CH_hCë C, Cl_iP¶PePëPj Cl_iC, CrPiP_μPSP_μPj Cl_iP_μC_hC†P_μPIPsC—
 PSP_μPrPsCf_iC, P°C, PSPsCf_iC, C-, Cl_iPeC- PiC_hPëPN_ePjP°C_hC, Ch_h PiP_μC, P»CH_hPsPIC-
 PrC-CrC_hP_μC, PëPePë Cr PIP_μP»PëPePëC... PrPsP·P°C..., PjP°C_hC, Ch_h
 PiC-PiPsPSP°C, C_hC-C”PjC-C_h P°P±Ps PSPëC_hPePsPICr PSP_μPrPsCf_iC, P°C, PSC-Cl_iC, Ch_h
 C,, CrPSPeC†C-PsPSP°P»CH_hPSPsPiPs C...P°C_hP°PeC, P_μC_hCf_i. P”P»Cl_i P·PSPëP¶P_μPSPSCl_i
 C_hPëP·PëPeCr Cl_iPëPjPiC, PsPjP°C, PëC±PSPsC— P°C_hC, P_μC_hC-P°P»CH_hPSPsC—

PiC-PiPsC,PuPSP·C-C— PSP° PiPsC±P°C,PeCf C,PuCTHP°PiC-C— C,P° PSP° PuC,P°PiC-
PiC-PrP±PsCTHCf PrPsP· PiP°C†C-C”PSC,P°Pj CÍP»C-Pr PiPuCTHPuP±CfPIP°C,Pë PiC-Pr
CTHPuC,PuP»CHBPSPëPj PSP°PiP»CÍPPrPsPj P»C-PeP°CTHCÍ. PÿP°PeC- CÍP°PjC-
P·P°CÍC,PuCTHPuP¶PuPSPSCÍ C-CÍPSCfCTHC,CH PrP»CÍ PsCÍC-P± P· C-CëPuPjC-C±PSPsCTH
C...PIPsCTHPsP±PsCTH CÍPuCTHC†CÍ P°P±Ps C†PuCTHPuP±CTHPsPIP°CÍPeCfP»CÍCTHPSPëPjPë
P·P°C...PIPsCTHCPIP°PSPSCÍPjPë, CÍ CÍPePëC... PSP°PrPjC-CTHPSPu P·PSPëP¶PuPSPSCÍ
P°CTHC,PuCTHC-P°P»CHBPSPsPiPs C,PëCÍPeCf PjPsP¶Pu CÍPiCTHPëC±PëPSPëC,Pë C-PSC,,P°CTHPeC,
PjC-PsPeP°CTHPrP° P°P±Ps C-PSCÍCfP»CHC,,

P†CëPuPjC-C±PSP° C...PIPsCTHPsP±P° CÍPuCTHC†CÍ. PiPeC%oPs PiCTHPsC,CÍPiPsPj
PiPuCTHCëPsPiPs PjC-CÍCÍC†CÍ P»C-PeCfPIP°PSPSCÍ PiPuCTHPëPSPPrPsPiCTHPëP»PsPj P±CfPI
PuPiC-P·PsPr PSPuCÍC,P°P±C-P»CHBPSPsC— CÍC,PuPSPsPeP°CTHPrC-C— (P±CfPrCH-CÍPePsC—
C,CÍP¶PePsCÍC,C-), PSPuPsP±C...C-PrPSPs CTHPuC,PuP»CHBPSPs P·PIP°P¶PëC,Pë
CÍPiC-PIPIC-PrPSPsCëPuPSPSCÍ CTHPëP·PëPe/PePsCTHPëCÍC,CH, PiPuCTHCë PSC-P¶
PIPëCTHC-CëCfPIP°C,Pë PiPëC,P°PSPSCÍ PiCTHPs PiCTHPsPrPsPIP¶PuPSPSCÍ C,PuCTHP°PiC-C—.

*PkCÍPsP±P»PëPIC- P·P°CÍC,PuCTHPuP¶PuPSPSCÍ, PiPsPIëTTM CÍP·P°PSC- P·
C-PSPPrP°PiP°PjC-PrPsPj.*

PuPuC±C-PSPePsPIP° PuPSC†PuC,,P°P»PsPiP°C,C-CÍ. Pj PiP°C†C-C”PSC,C-PI C-P·
PiPsCTHCfCëPuPSPSCÍPj C,,CfPSPeC†C-C— PiPuC±C-PSPePë P·P°CÍC,PsCÍCfPIP°PSPSCÍ
C,C-P°P·PëPrPSPëC... C,P° C,C-P°P·PëPrPsPiPsPrC-P±PSPëC... PrC-CfCTHPuC,PëPeC-PI,
PsCÍPsP±P»PëPIPs CÍ CTHP°P·C- PrPëCÍP±P°P»P°PSCÍCf PuP»PuPeC,CTHPsP»C-C,C-PI, PjPsP¶Pu
CÍPiCTHPëC±PëPSPëC,Pë PIPëPSPëPePSPuPSPSCÍ PiPuC±C-PSPePsPIPsC—
PuPSC†PuC,,P°P»PsPiP°C,C-C—, CÍPeP° PjPsP¶Pu PiCTHPsPiCTHPuCÍCfPIP°C,Pë PrPs
PiPuC±C-PSPePsPIPsC— PePsPjPë. Pj C,P°PePsPjCf CTHP°P·C- P·P°CÍC,PsCÍCfPIP°PSPSCÍ
PrC-CfCTHPuC,PëPeC-PI CÍP»C-Pr PSPuPiP°PNëPSPs PiCTHPëPiPëPSPëC,Pë.

PαPsC,PsC±CfC,P»PëPIC-CÍC,CH. PuCTHPë P·P°CÍC,PsCÍCfPIP°PSPSC- C,C-P°P·PëPrPSPëC...
C,P° C,C-P°P·PëPrPsPiPsPrC-P±PSPëC... PrC-CfCTHPuC,PëPeC-PI PiPsPIC-PrPsPjP»CÍP»PsCÍCÍ
PiCTHPs PIPëPSPëPePSPuPSPSCÍ CTHPuP°PeC†C-PNë C,,PsC,PsC±CfC,P»PëPIPsCÍC,C- (PrPëPI.
CTHPsP·PrC-P» B«PuPsP±C-C±PSC- CTHPuP°PeC†C-C—B»). Pj CTHP°P·C- PiPsCÍPIPë
CTHPuP°PeC†C-C— C,,PsC,PsC±CfC,P»PëPIPsCÍC,C- PiC-Pr C±P°CÍ P»C-PeCfPIP°PSPSCÍ
PiCTHPëPNëPsPj PiCTHPuPiP°CTHP°C,Cf CTHPuPePsPjPuPSPPrPsPIP°PSPs PiCTHPëPiPëPSPëC,Pë.
PiPeC%oPs P¶C” PiPsC,CTHPuP±P° CÍ PIC-PrPSPsPIP»PuPSPSC- PNëPsPiPs
P·P°CÍC,PsCÍCfPIP°PSPSCÍ, CTHPuPePsPjPuPSPPrCfC”C,CHCÍCÍ P·P°C...PëCÍC,PëC,Pë
PICCTHP°P·P»PëPIC- PrC-P»CÍPSPePë PIC-Pr CÍPsPSC†CÍ P°P±Ps PrP¶PuCTHPuP»
CëC,CfC±PSPsPiPs CÍP»CHC,CTHP°C,,C-PsP»PuC,Cf.

P—P°PiPsP±C-P¶PSC- P·P°C...PsPrPë.

*P—P°PiPsP±C-P¶PSC- P·P°C...PsPrPë, CÍPiC-P»CHBPSC- PrP»CÍ PiPuCTHPëPSPPrPsPiCTHPëP»Cé
C,P° C-PSPPrP°PiP°PjC-PrCé*

PuPsCTHCfCëPuPSPSCÍ C,,CfPSPeC†C-C— PSPëCTHPsPe. P”P»CÍ PrPsP·CéPIP°PSCH 2 PjPi/0,625
PjPi C,P° 4 PjPi/1,25 PjPi: PiCTHPë PSP°CÍPIPSPsCÍC,C- PSPëCTHPePsPIPsC—
PSPuPrPsCÍC,P°C,PSPsCÍC,C- C,CÍP¶PePsPiPs CÍC,CfPiPuPSCÍ (PeP»C-CTHPuPSCÍ
PeCTHPuP°C,PëPSC-PSCf < 30 PjP»/C...PI) P»C-PeCfPIP°PSPSCÍ PiCTHPuPiP°CTHP°C,PsPj
PiCTHPsC,PëPiPsPeP°P·P°PSPu.

P”P»CÍ PrPsP·CéPIP°PSPSCÍ 8 PjPi/2,5 PjPi: PuCTHPë PSP°CÍPIPSPsCÍC,C- PSPëCTHPePsPIPsC—
PSPuPrPsCÍC,P°C,PSPsCÍC,C- C,CÍP¶PePsPiPs C,P° PiPsPjC-CTHPSPsPiPs CÍC,CfPiPuPSCÍ

(PeP»C-CḡPμPSCḡ PeCḡPμP°C,PēPSC-PSCḡ < 60 PjP»/C...PI) P»C-PeCḡPIP°PSPSCḡ
PīCḡPμPīP°CḡP°C,PsPj PīCḡPsC,PēPīPsPeP°P·P°PSPμ.

PīPeC%Ps Cḡ PrPμCḡPePēC... PīP°CḡC-C”PSC,C-PI P· P°CḡC,PμCḡC-P°P»CHPSPsCḡ
PiC-PīPμCḡC,PμPSP·C-C”Cḡ P±PμP· PSP°CḡPIPSPēC... PsP·PSP°Pe PīPsCḡCḡCḡPμPSPSCḡ
C,,CḡPSPeCḡC-C— PSPēCḡPsPe CḡPμP·CḡP»CHC,P°C,Pē P»P°P±PsCḡP°C,PsCḡPSPēC...
PrPsCḡP»C-PrPḡPμPSCḡ PeCḡPsPIC- PrPμPjPsPSCḡC,CḡCḡCḡC,CH PsP·PSP°PePē
C,,CḡPSPeCḡC-PsPSP°P»CHPSPsC— PSPēCḡPePsPIPsC— PSPμPrPsCḡC,P°C,PSPsCḡC,C-,
P»C-PeCḡPIP°PSPSCḡ PīCḡPμPīP°CḡP°C,PsPj PSPμPsP±C...C-PrPSPs PīCḡPēPīPēPSPēC,Pē P·
PjPsPḡP»PēPIC-CḡC,Cḡ PNēPsPiPs PIC-PrPSPsPIP»PμPSPSCḡ Cḡ PjPμPSCḡC-PNē PrPsP·C- P°P±Ps
P»PēCḡPμ PsPrPSC-C”Cḡ P· PNēPsPiPs CḡPeP»P°PrPsPIPēC.... PḡP°PePēPj PīP°CḡC-C”PSC,P°Pj
PSPμPsP±C...C-PrPSPs PīCḡPsPIPsPrPēC,Pē CḡP°CḡC,PēPNē PjPsPSC-C,PsCḡPēPSPi CḡC-PIPSCḡ
PeP°P»C-Cḡ C,P° PeCḡPμP°C,PēPSC-PSCḡ PI PeCḡPsPIC-: CḡPμCḡPμP· 2 C,PēPḡPSC- PIC-Pr
PīPsCḡP°C,PeCḡ P»C-PeCḡPIP°PSPSCḡ C,P° PrP°P»C- PePsPḡPSC- PrPīP° PjC-CḡCḡCḡC- Cḡ
PīPμCḡC-PsPr C,PμCḡP°PīPμPIC,PēCḡPSPsC— CḡC,P°P±C-P»C-P·P°CḡC-C—. P’PēPīP°PrPePē
PIPēPSPēPePSPμPSPSCḡ PSPēCḡPePsPIPsC— PSPμPrPsCḡC,P°C,PSPsCḡC,C-
CḡPīPsCḡC,PμCḡC-PiP°P»PēCḡCḡ PīPμCḡPμPIP°PḡPSPs Cḡ PīP°CḡC-C”PSC,C-PI C-P·
C,CḡPḡPePsCḡ CḡPμCḡCḡPμPIPsCḡ PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ P°P±Ps
PīPsCḡCḡCḡPμPSPSCḡPj C,,CḡPSPeCḡC-C— PSPēCḡPsPe, Cḡ C,PsPjCḡ CḡPēCḡP»C- P·C-
CḡC,PμPSPsP·PsPj PSPēCḡPePsPIPsC— P°CḡC,PμCḡC-C—. PjPμPNē PīCḡPμPīP°CḡP°C, PSPμ
CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pē PīP°CḡC-C”PSC,P°Pj C-P· P·PSP°CḡPSPēPj
PrPIPsP±C-CḡPSPēPj CḡC,PμPSPsP·PsPj PSPēCḡPePsPIPēC... P°CḡC,PμCḡC-PNē P°P±Ps
CḡC,PμPSPsP·PsPj P°CḡC,PμCḡC-C— C”PrPēPSPsC— C,,CḡPSPeCḡC-PsPSCḡCḡCḡPsC—
PSPēCḡPePē.

PḡCḡC,PμCḡC-P°P»CHPSP° PiC-PīPsC,PμPSP·C-Cḡ C- PrPμC,,C-CḡPēC, PIPsPrPē C,P°
PμP»PμPeC,CḡPsP»C-C,C-PI. Pj PīP°CḡC-C”PSC,C-PI C-P· PrPμC,,C-CḡPēC,PsPj PSP°C,CḡC-Cḡ
(PsCḡPsP±P»PēPIPs PīCḡPē PSP°CḡPIPSPsCḡC- CḡC,PμPSPsP·Cḡ PSPēCḡPePsPIPēC...
P°CḡC,PμCḡC-PNē) C-CḡPSCḡC” CḡPēP·PēPe CḡC-P·PePsPiPs P·PSPēPḡPμPSPSCḡ
P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PēCḡPeCḡ. PḡPμPsP±C...C-PrPSPēPNē
CḡPēCḡC,PμPjP°C,PēCḡPSPēPNē PjPsPSC-C,PsCḡPēPSPi C%PsPrPs PeP»C-PSC-CḡPSPēC...
PsP·PSP°Pe PrPμC,,C-CḡPēC,Cḡ PIPsPrPē C,P° PμP»PμPeC,CḡPsP»C-C,C-PI, C%Ps PjPsPḡPμ
PIPēPSPēPePSCḡC,Pē PīCḡPē C-PSC,PμCḡPeCḡPμPSC,PSPēC... PIPēPīP°PrPeP°C...
P±P»CḡPIP°PSPSCḡ P°P±Ps PrC-P°CḡPμC—. Pj C,P°PePēC... PīP°CḡC-C”PSC,C-PI CḡP»C-Pr
CḡPμPiCḡP»CḡCḡPSPs PePsPSC,CḡPsP»CḡPIP°C,Pē CḡC-PIPμPSCḡ
PμP»PμPeC,CḡPsP»C-C,C-PI Cḡ PīP»P°P·PjC- PeCḡPsPIC-. PḡCḡPē PIPēPSPēPePSPμPSPSC-
P·PSP°CḡPSPsC— P°CḡC,PμCḡC-P°P»CHPSPsC— PiC-PīPsC,PμPSP·C-C— PjPsPḡPμ P±CḡC,Pē
PīPsC,CḡC-P±PSP° PIPSCḡC,CḡC-CḡPSCḡPsPIPμPSPSP° C-PSC,,CḡP·C-Cḡ
C-P·PsC,PsPSC-CḡPSPsPiPs CḡPsP·CḡPēPSCḡ PSP°C,CḡC-Cḡ C...P»PsCḡPēPrCḡ.
PḡPēPjCḡP°CḡPsPIP° PiC-PīPsC,PμPSP·C-Cḡ PSPμ C” PīCḡPsC,PēPīPsPeP°P·P°PSPSCḡPj PrP»Cḡ
PīCḡPsPrPsPIPḡPμPSPSCḡ P»C-PeCḡPIP°PSPSCḡ. PḡC-CḡP»Cḡ PIC-PrPSPsPIP»PμPSPSCḡ
PsP±Pḡ™ C”PjCḡ CḡPēCḡPeCḡP»CḡCḡCḡPsC— PeCḡPsPIC- C,P° PSPsCḡPjP°P»C-P·P°CḡC-C—
P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PēCḡPeCḡ P»C-PeCḡPIP°PSPSCḡ PjPsPḡPSP°
PIC-PrPSPsPIPēC,Pē Cḡ P·PjPμPSCḡPμPSC-PNē PrPsP·C- P°P±Ps C,C-P»CHPePē PsPrPSC-C”Cḡ
P·C- CḡPeP»P°PrPsPIPēC... PīCḡPμPīP°CḡP°C,Cḡ.

P C-PIPμPSCḡ PeP°P»C-Cḡ. PḡPsPjP±C-PSP°CḡC-Cḡ PīPμCḡPēPSPPrPsPīCḡPēP»Cḡ C,P°
C-PSPPrP°PīP°PjC-PrCḡ PSPμ PIPēPeP»CḡCḡP°C” PjPsPḡP»PēPIPsCḡC- PIPēPSPēPePSPμPSPSCḡ
PiC-PīPsPeP°P»C-C”PjC-C—, PsCḡPsP±P»PēPIPs Cḡ PīP°CḡC-C”PSC,C-PI P· CḡCḡPeCḡPsPIPēPj
PrC-P°P±PμC,PsPj P°P±Ps P· PSPēCḡPePsPIPsCḡ PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ. PīPe C-
PīCḡPē P·P°CḡC,PsCḡCḡPIP°PSPSC- P±CḡPrCḡCḡCḡPePsPiPs

P°PSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSsPiPs P·P°CÍPsP±Cí PI PePsPjP±C-PSP°C†C-C— P·
PrC-CrCḡPμC, PëPePsPj, CÍP»C-Pr PiCḡPsPIPsPrPëC, Pë CḡPμPiCíP»CḡCḡPSPëPñ
PePsPSC, CḡPsP»Cḡ CḡC-PIPSCḡ PeP°P»C-Cḡ Cí PiP»P°P·PjC- PeCḡPsPIC-.

P°PsPiPsPjC-PḡPSC- CḡPμC±PsPIPëPSPë. P°Ps CÍPeP»P°PrCí P»C-PeP°CḡCíCḡPePsPiPs
P·P°CÍPsP±Cí PIC...PsPrPëC, Cḡ P»P°PeC, PsP·P°, C, PsPjCí PñPsPiPs
P·P°CÍC, PsCÍCíPIP°PSPSCḡ PiCḡPsC, PëPiPsPeP°P·P°PSPμ PiP°C†C-C°PSC, P°Pj P·
CḡC-PrPeC-CÍPSPsCḡ CÍPiP°PrPePsPIPsCḡ PSPμPiPμCḡPμPSPsCÍPëPjC-CÍC, Cḡ
PiP°P»P°PeC, PsP·Pë, CÍPëPSPrCḡPsPjPsPj PjP°P»CḡP°P±CÍPsCḡP±C†C-C— PiP»CḡPePsP·Pë-
PiP°P»P°PeC, PsP·Pë, PSPμPrPsCÍC, P°C, PSC-CÍC, Cḡ P»P°PeC, P°P·Pë.

P—P°PiPsP±C-PḡPSC- P·P°C...PsPrPë, PiPsPIḡḡ™ CḡP·P°PSC- P· PiPμCḡPëPSPrPsPiCḡPëP»PsPj

PḡP°C€PμP»Cḡ. PμPsPIC-PrPsPjP»CḡP»PsCÍCḡ PiCḡPs PIPëPSPëPePSPμPSPSCḡ
CÍCíC...PsPiPs PeP°C€P»Cḡ PiC-Pr C±P°CÍ C, PμCḡP°PiC-C— C-PḡPμPḡ. PiPμPñ PeP°C€PμP»Cḡ
C° CÍC, C-PñPePëPj C- PiCḡPëPiPëPSCḡC°C, CḡCÍCḡ PiC-CÍP»Cḡ PIC-PrPjC-PSPë
PiCḡPμPiP°CḡP°C, Cí. Pj CḡP°P·C- PiPsCḡPIPë C†CḡPsPiPs CÍPëPjPiC, PsPjCí
PSPμPsP±C...C-PrPSPs P±CḡP°C, Pë PrPs CíPIP°PiPë PjPsPḡP»PëPIC-CÍC, Cḡ PñPsPiPs
CḡC, CḡPsPiPμPSPSPsC— PμC, C-PsP»PsPiC-C—. PiPeC%Ps PiCḡPëP·PSP°C±PμPSPSCḡ C-PḡPμPḡ
PrP»Cḡ P»C-PeCíPIP°PSPSCḡ PiP°C†C-C°PSC, P° C° PSPμPsP±C...C-PrPSPëPj, PjPsPḡPμ
P±CíC, Pë PiCḡPëPñPSCḡC, Pμ CḡC-C€PμPSPSCḡ PiCḡPs PiCḡPsPrPsPIPḡPμPSPSCḡ
C, PμCḡP°PiC-C—.

P PëP·PëPe P°CḡC, PμCḡC-P°P»CḡPSPsC— PiC-PiPsC, PμPSP·C-C— C, P°/P°P±Ps
PSPëCḡPePsPIPsC— PSPμPrPsCÍC, P°C, PSPsCÍC, C- (Cí CḡP°P·C- PSP°CḡPIPSsCÍC, C-
CÍPμCḡC†PμPIPsC— PSPμPrPsCÍC, P°C, PSPsCÍC, C-, PrPμC,, C-C†PëC, Cí PIPsPrPë C, P°
PμP»PμPeC, CḡPsP»C-C, C-PI). P—PSP°C±PSP° CÍC, PëPjCíP»CḡC†C-Cḡ P PḡPḡPḡ
CÍPiPsCÍC, PμCḡC-PiP°P»P°CÍCḡ PiC-Pr C±P°CÍ PiPsCÍC, CḡPsPiPs PrPμC,, C-C†PëC, Cí PIPsPrPë
C, P° PμP»PμPeC, CḡPsP»C-C, C-PI (CÍCíPIPsCḡP° P±PμP·CÍPsP»CḡPsPIP° PrC-C°C, P° P°P±Ps
C, CḡPëPIP°P»Pμ P»C-PeCíPIP°PSPSCḡ PrC-CrCḡPμC, PëPeP°PjPë) Cí PiP°C†C-C°PSC, C-PI C-P·
PSPëP·CḡPePëPj P°CḡC, PμCḡC-P°P»CḡPSPëPj C, PëCÍPePsPj, PiCḡPë PSP°CḡPIPSsCÍC, C-
CÍC, PμPSPsP·Cí PSPëCḡPePsPIPëC... P°CḡC, PμCḡC-Pñ, P·P°CÍC, C-PñPSPsC—
CÍPμCḡC†PμPIPsC— PSPμPrPsCÍC, P°C, PSPsCÍC, C- P°P±Ps C†PëCḡPsP·Cí PiPμC±C-PSPëPë P·
PSP°P±CḡCḡPeP°PjPë C, P° P°CÍC†PëC, PsPj. P°P»PsPeCíPIP°PSPSCḡ C†C-C°C— CÍPëCÍC, PμPjPë
C-PḡPμPḡ, PsCÍPsP±P»PëPIPs PiC-Pr C±P°CÍ PiPμCḡC€PsPiPs P·P°CÍC, PsCÍCíPIP°PSPSCḡ C, P°
PiCḡPsC, CḡPiPsPj PiPμCḡC€PëC... 2 C, PëPḡPSC-PI P»C-PeCíPIP°PSPSCḡ, PjPsPḡPμ
CÍPiCḡPëC±PëPSPëC, Pë CḡC-P·PePμ P·PSPëPḡPμPSPSCḡ P°CḡC, PμCḡC-P°P»CḡPSPsPiPs
C, PëCÍPeCí C, P°/P°P±Ps PiC-PrPIPëC%PμPSPSCḡ CḡC-PIPSCḡ PeCḡPμP°C, PëPSC-PSCí Cí
PiP»P°P·PjC- PeCḡPsPIC-, C%Ps PiC-PrC, PIPμCḡPrPḡCíC° PSP°CḡPIPSC-CÍC, Cḡ
C,, CíPSPeC†C-PsPSP°P»CḡPSPsC— PSPëCḡPePsPIPsC— PSPμPrPsCÍC, P°C, PSPsCÍC, C-.
P†PSPsPrC-, C...PsC±P° Pñ CḡC-PrPePs, C†Pμ PjPsPḡPμ PIPëPSPëPePSCíC, Pë Cí P±CíPrCḡ-
CḡPePëPñ C±P°CÍ C, P° PjP°C, Pë PiPsCÍC, CḡPëPñ PiPsC±P°C, PsPe. Pj C, P°PePëC...
PIPëPiP°PrPeP°C... P»C-PeCíPIP°PSPSCḡ CÍP»C-Pr CḡPsP·PiPsC±PëPSP°C, Pë P· PjPμPSC€PsC—
PrPsP·Pë P· PiPsCÍC, CíPiPsPIPëPj C—C— P·P±C-P»CḡC€PμPSPSCḡPj.

PμP°C†C-C°PSC, Pë P»C-C, PSCHPsPiPs PIC-PeCí. PμPμCḡPμPr PiPsC±P°C, PePsPj
P»C-PeCíPIP°PSPSCḡ CÍP»C-Pr PiPμCḡPμPIC-CḡPëC, Pë C,, CíPSPeC†C-Cḡ PSPëCḡPsPe C-
CḡC-PIPμPSCḡ PeP°P»C-Cḡ Cí PeCḡPsPIC-. P°P»Cḡ P·PSPëPḡPμPSPSCḡ CḡPëP·PëPeCí
PIPëPSPëPePSPμPSPSCḡ CḡP°PiC, PsPIPsC— P°CḡC, PμCḡC-P°P»CḡPSPsC—
PiC-PiPsC, PμPSP·C-C—, PsCÍPsP±P»PëPIPs PiCḡPë PSP°CḡPIPSsCÍC, C- PrPμC,, C-C†PëC, Cí
PIPsPrPë P°P±Ps PμP»PμPeC, CḡPsP»C-C, C-PI, PiPsC±P°C, PePsPICí PrPsP·Cí

$\text{PiC}\overline{\text{H}}\text{P}\mu\text{PiP}^{\circ}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{C}, \text{Cr} \text{ Cl}^{\dagger}\text{P} \gg \text{C-Pr} \text{ PePsC}\overline{\text{H}}\text{P}\overline{\text{e}}\text{PiCrPiP}^{\circ}\text{C}, \text{P}\overline{\text{e}} \text{ P}^{\circ}\text{P} \gg \text{P}\mu\text{P}\overline{\text{P}}\text{PSPs PIC-Pr}$
 $\text{PIC-PrPiPsPIC-PrC- P}^{\circ}\text{C}\overline{\text{H}}\text{C}, \text{P}\mu\text{C}\overline{\text{H}}\text{C-P}^{\circ}\text{P} \gg \text{CHPSPsPiPs C}, \text{P}\overline{\text{e}}\text{Cl}^{\dagger}\text{PeCr} \text{ PSP}^{\circ} \text{ P} \gg \text{C-PeCrPiP}^{\circ}\text{PSPSC}\overline{\text{H}}.$

PhC, PμCḡPsCÍPeP»PμCḡPsP. P PëP·PëPe PIPëPSPëPePSPμPSPSCÍ
P°CḡC, PμCḡC-P°P»CHPSPsC— PiC-PiPsC, PμPSP·C-C— C-CÍPSCrC” PI CrCÍC-C...
PiCḡCÍPíP°C... PíP°C†C-C”PSC, C-PI, P°P»Pμ PíP°C†C-C”PSC, P°Pj P· C-CëPμPjC-C†PSPsCḡ
C...PIPscḡPsP±PsCḡ CÍPμCḡC†CÍ P°P±Ps PSPμPrPsCÍC, P°C, PSC-CÍC, Cḡ
C†PμCḡPμP±CḡP°P»CHPSPsPiPs PeCḡPsPIPpsP±C-PiCí PíCḡPμPíP°CḡP°C, CÍP»C-Pr
P·P°CÍC, PsCÍPsPICíPIP°C, Pë P· PsCÍPsP±P»PëPIPsCḡ PsP±PμCḡPμP¶PSC-CÍC, Cḡ,
CḡPsP·PíPsC†PëPSP°CḡC†Pë P»C-PeCíPIP°PSPSCÍ P· PSPëP·ChPePsC— PrPsP·Pë.

Р Р_μРSPsPIP°CГРeCрР»CЦCГРSPS° PiC-PiP_μCГC, Р_μРSP·C-CЦ. Р>C-PeCрPIP°PSPSCЦPj
CГРР_μРSPsPIP°CГРeCрР»CЦCГРSPSс— PiC-PiP_μCГC, Р_μРSP·C-C— C”
CГРР_μPIP°CГРeCрР»CЦCГРPëP·P°C†C-CЦ. Р_μCГРPsC, Р_μ C-Р_hР_μР_α РjPsP¶CрC, CГ P±CрC, Pë
PePsCГРPëCГРPSPëPjPë РrР»CЦ PiP°C†C-C”PSC, C-PI C-Р· CГРР_μРSPsPIP°CГРeCрР»CЦCГРSPSсCГ
PiC-PiP_μCГC, Р_μРSP·C-C”CГ, CЦPeC- C†P_μPeP°CГC, CГ PSP° PsPiP_μCГРP°C†C-CГ P°P±Ps
CЦPeC%oPs C, P°PeP° PsPiP_μCГРP°C†C-CЦ PSP_μРjPsP¶P»PëPIP°.

$P''P \gg C \uparrow PrPsP \cdot C \acute{z} PIP^{\circ} PSCH \ 2 \ PjPi/0,625 \ PjPi \ C, P^{\circ} \ 4 \ PjPi/1,25 \ PjPi$: $C \uparrow PeC\%_{\circ}Ps \ P \uparrow P \acute{K}-P \acute{h}P \ P \uparrow P \ddot{Y}P \cdot P$
 $PiC \uparrow P \ddot{e}P \cdot PSP^{\circ} C \uparrow P \mu PSP \ddot{e}P \ N_{\circ} \ PiP^{\circ} C \uparrow C-C''PSC, P^{\circ} Pj \ C-P \cdot PSP^{\circ} C \uparrow PIPSP \ddot{e}Pj \ C \acute{I}C, P \mu PSPsP \cdot PsPj$
 $PSP \ddot{e}C \uparrow P \acute{e}PsPIP sC- \ P^{\circ} C \uparrow C, P \mu C \uparrow C-C- \ P^{\circ} P \pm Ps \ P \cdot PiC-PrPsP \cdot C \uparrow PsC \uparrow PSP^{\circ} PSCH PsPiPs,$
 $P \gg C-PeC \acute{r}PIP^{\circ} PSPSC \uparrow PSP \mu PsP \pm C...C-PrPSPs \ C \uparrow PsP \cdot PiPsC \uparrow P \ddot{e}PSP^{\circ} C, P \ddot{e} \ PI \ C \acute{r}PjPsPIP^{\circ} C...$
 $C \acute{I}C, P^{\circ} C \uparrow C-PsPSP^{\circ} C \uparrow C \acute{r} \ P \cdot PSP \ddot{e}P \cdot C \uparrow P \acute{e}PsC- \ PrPsP \cdot P \ddot{e} \ C- \ PiC-Pr \ P \acute{e}PsPSC, C \uparrow PsP \gg P \mu Pj$
 $C \uparrow C-PIPSC \uparrow P \acute{e}P^{\circ} P \gg C-C \uparrow \ PI \ P \acute{e}C \uparrow PsPIC-, PsC \acute{I}P \acute{e}C-P \gg C \uparrow P \acute{e}P \ddot{e} \ C \acute{r} \ PrP \mu C \uparrow P \acute{e}P \ddot{e}C...$
 $PiP^{\circ} C \uparrow C-C''PSC, C-PI \ C \acute{I}PiPsC \acute{I}C, P \mu C \uparrow C-PiP^{\circ} P \gg P^{\circ} C \acute{I}C \uparrow C, C \acute{r}PSP \acute{e}C \uparrow C-PsPSP^{\circ} P \gg C \uparrow P \acute{e}PSP^{\circ}$
 $PSP \ddot{e}C \uparrow P \acute{e}PsPIP^{\circ} PSP \mu PrPsC \acute{I}C, P^{\circ} C, PSC-C \acute{I}C, C \uparrow, C \uparrow P \acute{e}P^{\circ} \ P \pm C \acute{r}P \gg P^{\circ} \ PsP \pm PsC \uparrow PsC, PSPsC \uparrow$
 $PiC \uparrow P \ddot{e} \ PiC \uparrow P \ddot{e}PiP \ddot{e}PSP \mu PSPSC- \ P \gg C-PeC \acute{r}PIP^{\circ} PSPSC \uparrow$.

$P^*P \gg C\bar{C} \bar{P}P_sP \cdot C\bar{z}PIP^*PSPSC\bar{C} \bar{C} \ 8 \ PjPi/2,5 \ PjPi: P^+\bar{P}K-P\bar{h}P \cdot P^+\bar{P}\bar{y}P \cdot P \ \ PSP_{\mu} \ C\bar{I}P \gg C-P^r$
 $PiC\bar{h}P\bar{e}P \cdot PSP^*C\bar{I}P^*C, P\bar{e} \ P\bar{i}P^*C\bar{I}C-C''PSC, P^*Pj \ C-P \ \ PSP^*C\bar{C}IPIPSP\bar{e}Pj \ C\bar{I}C, P_{\mu}PSP_sP \cdot PsPj$
 $PSP\bar{e}C\bar{h}P\bar{e}PsPIP_sC- \ P^*C\bar{h}C, P_{\mu}C\bar{h}C-C- \ P^*P\pm Ps \ P \cdot P\bar{i}C-P^rPsP \cdot C\bar{h}PsC\bar{h} \ PSP^* \ PSC\bar{h}PsPiPs. \ Pj$
 $C, P^*PePsPjC\bar{r} \ PIP\bar{e}PiP^*P^rPeC\bar{r} \ P \gg C-P\bar{e}C\bar{r}PIP^*PSPSC\bar{C} \ PSP_{\mu}PsP\pm C \dots C-P^rPSP_s$
 $C\bar{h}PsP \cdot P\bar{i}PsC\bar{I}P\bar{e}PSP^*C, P\bar{e} \ PI \ C\bar{r}PjPsPIP^*C \dots \ C\bar{I}C, P^*C\bar{I}C-PsPSP^*C\bar{h}C\bar{r} \ P \cdot PjP_{\mu}PSC\bar{e}PsC- \ P^rPsP \cdot P\bar{e},$
 $PSC-P\bar{I} \ C\bar{h}P_{\mu}PePsPjP_{\mu}PSP^rPsPIP^*PSP^* \ P^rPsP \cdot P^* \ P\bar{i}C\bar{h}P_{\mu}P\bar{i}P^*C\bar{h}P^*C, C\bar{r}.$

PŸPµCĤC†PµPIP° PSPµPrPsCĬC,P°C,PSC-CĬC,CĤ/CĬPµCĤC†PµPIP°
PSPµPrPsCĬC,P°C,PSC-CĬC,CĤ C,CĬP¶PePsPiPs CĬC,CřPİPµPSCĬ.
P>C-PeCřPIP°PSPSCĬ PİP°C†C-C"PSC,C-PI C-P· CĬPµCĤC†PµPIPsCĤ
PSPµPrPsCĬC,P°C,PSC-CĬC,CĤ C,CĬP¶PePsPiPs CĬC,CřPİPµPSCĬ (IV PeP»P°CĬCř)
CĬP»C-Pr CĤPsP·PiPsC‡PëPSP°C,Pë PiC-Pr PjPµPrPëC‡PSPëPj PSP°PiP»CĬPrPsPj P·C-
P·PjPµPSC€PµPSPsC— PiPsC‡P°C,PePsPIPsC— PrPsP·Pë. P>C-PeCřPIP°PSPSCĬ
β-P±P»PsPeP°C,PsCĤP°PjPë PİP°C†C-C"PSC,C-PI P· P°CĤC,PµCĤC-P°P»CĤPSPsCĤ
PiC-PİPµCĤC,PµPSP·C-C"CĤ C,P° PePsCĤPsPSP°CĤPSPsCĤ
PSPµPrPsCĬC,P°C,PSC-CĬC,CĤ PiCĤPëPiPëPSCĬC,Pë PSPµ PiPsC,CĤC-P±PSPs,
PSPµPsP±C...C-PrPSPs PrPsPrP°C,Pë C-PĥPµPα PrPs β-P±P»PsPeP°C,PsCĤP°.

P_μP°C†C-C"PSC,Pë P· C†CíPëC₇PsPIPëPj PrC-P°P±P_μC,P_sPj. P>C-PëCíPIP°PSPSC₇
PíP°C†C-C"PS C,PI P· C-PSCíCíP»C-PSPsP·P°P»P_μP¶PSPëPj C†CíPëC₇PsPIPëPj
PrC-P°P±P_μC,P_sPj (CíPíPsPSC,P°PSPSP° C,P_μPSPrP_μPSC†C-C₇ PrPs PíC-PrPIPëC%P_μPSPSC₇
C₇C-PIPSC₇ PeP°P»C-C₇ PI PeC₇PsPIC-) CíP»C-Pr C₇PsP·PíPsC†PëPSP°C,Pë PíC-Pr
PjP_μPrPëC†PSPëPj PSP°PiP»C₇PrPsPj P·C- P·PSPëP¶P_μPSPsC— PíPsC†P°C,PePsPíPsC— PrPsP·Pë.

PJ PiP°C†C-C" PSC, C-PI C-P. C†C†PeCḡPsPIPëPj PrC-P°P±PμC, PsPj, CΠPeC- CḡP°PSC-C€Pμ
P·P°C†C, PsC†PsPIC†PIP°P»Pë PiPμCḡPsCḡP°P»CHBPSC- C†C†PeCḡPsP·PSPëP¶C†PIP°P»CHBPSC-
P·P°C†PsP±Pë P°P±Ps C-PSC†C†P»C-PS, PSPμPsP±C...C-PrPSPs CḡPμC, PμP»CHBPSPs
PePsPSC, CḡPsP»CḡPIP°C, Pë CḡC-PIPμPSCḡ PiP»CḡPePsP·Pë C† PeCḡPsPIC-,
PsC†PsP±P»PëPIPs PiCḡPsC, CΠPiPsPj PiPμCḡC€PsPiPs PjC-C†CΠC†CΠ P»C-PeC†PIP°PSPSCΠ
C-PḡPμPα (PrPëPI. CḡPsP·PrC-P» B«P'P·P°C" PjPsPrC-CΠ P· C-PSC€PëPjPë
P»C-PeP°CḡC†CHPePëPjPë P·P°C†PsP±P°PjPë C, P° C-PSC€C- PIPëPrPë PIP·P°C" PjPsPrC-PNëB»).

P P°C†PsPIC- PsC†PsP±P»PëPIPsC†C, C-. PμPμCḡPëPSPPrPsPiCḡPëP», CΠPe C- C-PSC€C-
C-PḡPμPα, PjPμPSC€ PμC,, PμPeC, PëPIPsPs P·PSPëP¶C†C" P°CḡC, PμCḡC-P°P»CHBPSPëPNë
C, PëC†Pe C† PiP°C†C-C" PSC, C-PI PSPμPiCḡPsC—PrPSPsC— CḡP°C†Pë P·
PiC-PiPμCḡC, PμPSP·C-C" Cḡ, PSC-P¶ PI PsC†C-P± C-PSC€PëC... CḡP°C†, C%Ps,
PjPsP¶P»PëPIPs, PiPsCΠC†PSCḡC" C, CHC†CΠ PSPëP·CHPePëPj CḡC-PIPSPμPj CḡPμPSC-PSC†
C† PiP»P°P·PjC- PeCḡPsPIC- C, P°PePëC... C...PIPsCḡPëC....

P†C-CḡC†CḡPiC-C†PSPμ PIC, CḡC†C†P°PSPSCΠ/P°PSPμC†C, PμP·C-CΠ. C-PḡPμPα
PjPsP¶C†C, CH C†PiCḡPëC†PëPSPëC, Pë P°CḡC, PμCḡC-P°P»CHBPSC† PiC-PiPsC, PμPSP·C-Cḡ
PiCḡPë PiCḡPsPIPμPrPμPSPSC- P°PSPμC†C, PμP·C-C—, PsC†PsP±P»PëPIPs PiC-Pr C†P°C†
P·P°C†C, PsC†C†PIP°PSPSCΠ P°PSPμC†C, PμC, PëPeP° P· PiC-PiPsC, PμPSP·PëPIPsPëPj
PiPsC, PμPSC†C-P°P»PsPj. PḡPsPjC† P»C-PeC†PIP°PSPSCΠ C-PḡPμPα C, CḡPëPIP°P»PsC— PrC-C—,
C, P°PePëPj CΠPe PiPμCḡPëPSPPrPsPiCḡPëP», C† CḡP°P·C- PjPsP¶P»PëPIPsC†C, C-
CḡPμPePsPjPμPSPPrC†C" C, CHC†CΠ PiCḡPëPiPëPSPëC, Pë P·P° 1 PrPsP±C† PrPs
C...C-CḡC†CḡPiC-C†PSPsPiPs PIC, CḡC†C†P°PSPSCΠ.

PḡC, PμPSPsP· P°PsCḡC, P°P»CHBPSPsPiPs P°P±Ps PjC-C, CḡP°P»CHBPSPsPiPs
PeP»P°PiP°PSC-PI/PiC-PiPμCḡC, CḡPsC,, C-C†PSP° PeP°CḡPrC-PsPjC-PsPiP°C, C-CΠ.
PμP°C†C-C" PSC, P°Pj P· PsP±C†C, CḡC†PeC†C-C" Cḡ PIPëC...PsPrC† P· P»C-PIPsPiPs
C€P»C†PSPsC†PeP° C†P»C-Pr P· PsP±PμCḡPμP¶PSC-C†C, Cḡ P·P°C†C, PsC†PsPIC†PIP°C, Pë
C-PḡPμPα.

PμPμC†C-PSPePsPIP° PSPμPrPsC†C, P°C, PSC-C†C, CH. P C-PrPePs
P·P°C†C, PsC†C†PIP°PSPSCΠ C-PḡPμPα P°C†PsC†C-CḡPIP°P»PsC†CΠ P·
PIPëPSPëPePSPμPSPSCΠPj C†PëPSPPrCḡPsPjC†, C%Ps CḡPsP·PiPsC†PëPSP°C" C, CHC†CΠ P·
C...PsP»PμC†C, P°C, PëC†PSPsC— P¶PsPIC, CΠPSPëC†C- C, P° PiCḡPsPiCḡPμC†C†C" PrPs
C€PIPëPrPePsPiP»PëPSPSPsPiPs PSPμPeCḡPsP·C† PiPμC†C-PSPePë, C-PSPsPrC- P·
P»PμC, P°P»CHBPSPëPj PSP°C†P»C-PrPePsPj. PμP°C†C-C" PSC, P°Pj, C† CΠPePëC... PiC-Pr C†P°C†
PiCḡPëPNëPsPjC† C-PḡPμPα CḡPsP·PIPëPSC†P»P°C†CΠ P¶PsPIC, CΠPSPëC†CΠ P·
PiC-PrPIPëC%PμPSPSCΠPj CḡC-PIPSCΠ PiPμC†C-PSPePsPIPëC... C,, PμCḡPjPμPSC, C-PI,
C†P»C-Pr PiCḡPëPiPëPSPëC, Pë P·P°C†C, PsC†C†PIP°PSPSCΠ C-PḡPμPα C, P°
P·P°P±PμP·PiPμC†PëC, Pë PIC-PrPiPsPIC-PrPSPëPNë PjPμPrPëC†PSPëPNë PSP°PiP»CΠPr
(PrPëPI. CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

P"C-PiPμCḡPeP°P»C-C" PjC-CΠ. PJ PrPμCΠPePëC... PiP°C†C-C" PSC, C-PI, CΠPeC-
P·P°C†C, PsC†PsPIC†PIP°P»Pë C-PḡPμPα, C† C, PsPjC† C†PëC†P»C- PiPμCḡPëPSPPrPsPiCḡPëP»,
PIC-PrP·PSP°C†P°P»PsC†CΠ P·P±C-P»CHC€PμPSPSCΠ CḡC-PIPSCΠ PeP°P»C-Cḡ C†
C†PëCḡPsPIP°C, C†C- PeCḡPsPIC-. P†PSPiC-P±C-C, PsCḡPë PḡPμPα PjPsP¶C†C, CH
PIPëPeP»PëPeP°C, Pë PiC-PiPμCḡPeP°P»C-C" PjC-Cḡ, PsC†PeC-P»CHPePë
PiCḡPëPiPSC-C†C†CḡC, CH PIPëPIC-P»CHBPSPμPSPSCΠ P°P»CHPrPsC†C, PμCḡPsPSC†. PJ
PiP°C†C-C" PSC, C-PI P· PSPsCḡPjP°P»CHBPSPsCḡ C,, C†PSPeC†C-C" Cḡ PSPëCḡPsPe C†PμPNë
PμC,, PμPeC, P·P°P·PIPëC†P°PNë PSPμP·PSP°C†PSPëPNë. P"Ps C,, P°PeC, PsCḡC-PI CḡPëP·PëPeC†
PIPëPSPëPePSPμPSPSCΠ PiC-PiPμCḡPeP°P»C-C" PjC-C— PSP°P»PμP¶P°C, CH PSPëCḡPePsPIP°

PSPμPrPsCfC, P°C, PSC-CfC, CH, PīPsPiC-CfC€PμPSPSCl C,, CrPSPeC†C-C— PSPëCfPsPe, PIC-Pe
 PīPsPSP°Pr 70 CfPsPeC-PI, C†CrPeCfPsPIPëPNë PrC-P°P±PμC,, C-PSC, PμCfPeCrCfPμPSC, PSC-
 CfC, P°PSPë, PsCfPsP±P»PëPIPs PrPμPiC-PrCfP°C, P°C†C-Cl, PiPsCfC, CfP° CfPμCfC†PμPIP°
 PrPμPePsPjPīPμPSCfP°C†C-Cl, PjPμC, P°P±PsP»C-C†PSPëPNë P°C†PëPrPsP· C, P°
 PsPrPSPSc†P°CfPSPμ P·P°CfC, PsCfCfPIP°PSPSCl P· PeP°P»C-PNëP·P±PμCfC-PiP°CfC†PëPjPë
 PrC-CrCfPμC, PëPeP°PjPë (PSP°PīCfPëPeP»P°Pr CfPīC-CfPsPSPsP»P°PeC, PsPSPsPj,
 PμPīP»PμCfPμPSPsPSPsPj, C, CfPëP°PjC, PμCfPμPSPsPj, P°PjC-P»PsCfPëPrPsPj),
 PrPsP±P°PIPeP°PjPë P°P±Ps P·P°PjC-PSPSPëPeP°PjPë CfPsP»C-, C°%Ps PjC-CfC, ClC, CH
 PeP°P»C-PNë; P°P±Ps P·P°CfC, PsCfCfPIP°PSPSCl C-PSC€PëC... PīCfPμPīP°CfP°C, C-PI,
 PīPsPIëf™ ClP·P°PSPëC... C-P· PīC-PrPIPëC°%PμPSPSClPj CfC-PIPSCl PeP°P»C-Cf Cr
 CfPëCfPsPIP°C, C†C- PeCfPsPIC- (PSP°PīCfPëPeP»P°Pr PiPμPīP°CfPëPSCr, PePs-
 C, CfPëPjPsPeCfP°P·PsP»Cr, C, P°PePsP¶ PIC-PrPsPjPsPiPs ClPe
 C, CfPëPjPμC, PsPīCfPëPj/CfCrP»CHC,, P°PjPμC, PsPeCfP°P·PsP», C- PsCfPsP±P»PëPIPs
 P°PSC, P°PiPsPSC-CfC, C-PI P°P»CHPrPsCfC, PμCfPsPSCr P°P±Ps
 P±P»PsPeP°C, PsCfC-PI CfPμC†PμPīC, PsCfC-PI P°PSPiC-PsC, PμPSP·PëPSCr,
 C-PSC€PëC... C-PjPμP, P°PSC, P°PiPsPSC-CfC, C-PI CfPμC†PμPīC, PsCfC-PI
 P°PSPiC-PsC, PμPSP·PëPSCr P†P†, P°C†PμC, PëP»CfP°P»C-C†PëP»PsPIPsC— PePëCfP»PsC, Pë PI
 PrPsP·C- ≥ 3 Pi/PrPsP±Cr, C-PSPiC-P±C-C, PsCfC-PI PīPhP“-2 C, P°
 PSPμCfPμP»PμPeC, PëPIPSPëC... PkPμP—P—, C-PjCrPSPsPrPμPīCfPμCfPëPIPSPëC...
 P·P°CfPsP±C-PI, C, P°PePëC... ClPe C†PëPeP»PsCfPīPsCfPëPS P°P±Ps C, P°PeCfPsP»C-PjCrCf,
 C, CfPëPjPμC, PsPīCfPëPj). P—P°CfC, PsCfCfPIP°PSPSCl PrPsP±P°PIPsPe P°P±Ps
 P·P°PjC-PSPSPëPeC-PI CfPsP»C-, C°%Ps PjC-CfC, ClC, CH PeP°P»C-PNë,
 PeP°P»C-PNëP·P±PμCfC-PiP°CfC†PëC... PrC-CrCfPμC, PëPeC-PI, PsCfPsP±P»PëPIPs PI
 PīP°C†C-C”PSC, C-PI C-P· PīPsCfCrC€PμPSPSClPj C,, CrPSPeC†C-C— PSPëCfPsPe, PjPsP¶Pμ
 PīCfPëP·PIPμCfC, Pë PrPs P·PSP°C†PSPsPiPs PīC-PrPIPëC°%PμPSPSCl CfC-PIPSCl PeP°P»C-Cf
 PI CfPëCfPsPIP°C, C†C- PeCfPsPIC-. P“C-PīPμCfPeP°P»C-C”PjC-Cl PjPsP¶Pμ
 CfPīCfPëC†PëPSPëC, Pë CfPμCfPNëPsP·PSCr, C-PSPsPrC- P»PμC, P°P»CHPSCr P°CfPëC, PjC-Cf.
 B PμP°C†C-C”PSC, P°Pj, ClPeC- P·P°CfC, PsCfPsPICrCfC, CH C-PjPμP, CfP»C-Pr P·
 PsP±PμCfPμP¶PSC-CfC, Cf P·P°CfC, PsCfPsPICrPIP°C, Pë
 PeP°P»C-PNëP·P±PμCfC-PiP°CfC†C- PrC-CrCfPμC, PëPePë C, P° P±P»PsPeP°C, PsCfPë
 CfPμC†PμPīC, PsCfC-PI P°PSPiC-PsC, PμPSP·PëPSCr, P° C, P°PePsP¶ PīCfPsPIPsPrPëC, Pë
 CfPμC, PμP»CHPSPëPNë PjPsPSC-C, PsCfPëPSPi CfC-PIPSCl PeP°P»C-Cf Cr
 CfPëCfPsPIP°C, C†C- PeCfPsPIC- C, P° C,, CrPSPeC†C-C— PSPëCfPsPe. PīPeC°%Ps
 PsPrPSPSc†P°CfPSPμ P·P°CfC, PsCfCfPIP°PSPSCl PIPëC°%PμP·P°P·PSP°C†PμPSPëC...
 PīCfPμPīP°CfP°C, C-PI PIPiP°P¶P°C”C, CHCfCf PrPsCfPμC†PSPëPj, C—C... CfP»C-Pr
 P·P°CfC, PsCfPsPICrPIP°C, Pë P· PsP±PμCfPμP¶PSC-CfC, Cf C, P° P· C†P°CfC, PëPj
 PePsPSC, CfPsP»PμPj CfC-PIPSCl PeP°P»C-Cf (PrPëPI. CfPsP·PrC-P» B«P·P°C”PjPsPrC-Cl P·
 C-PSC€PëPjPë P»C-PeP°CfCfCHPePëPjPë P·P°CfPsP±P°PjPë C, P° C-PSC€C- PIPëPrPë
 PIP·P°C”PjPsPrC-PNëB»).

P—P°PīPsP±C-P¶PSC- P·P°C...PsPrPë, PīPsPIëf™ ClP·P°PSC- P· C-PSPrP°PīP°PjC-PrPsPj

P°P»P°PSCf PIPsPrPë C, P° PμP»PμPeC, CfPsP»C-C, C-PI

P C-PIPμPSCf PSP°C, CfC-Cf. PμPμCfPμPr PīPsC†P°C, PePsPj P»C-PeCfPIP°PSPSCl C, P°
 P·PiPsPrPsPj C†PμCfPμP· CfPμPīCrP»ClCfPSC- PīCfPsPjC-P¶PePë C†P°CfCr CfP»C-Pr
 PIPëP·PSP°C†P°C, Pë CfC-PIPμPSCf PSP°C, CfC-Cf Cr PīP»P°P·PjC- PeCfPsPIC-.
 P—PSPëP¶PμPSPSCl CfC-PIPSCl PSP°C, CfC-Cf PI PeCfPsPIC- CfPīPsC†P°C, PeCr PjPsP¶Pμ
 P±CrC, Pë P±PμP·CfPëPjPīC, PsPjPSPëPj, C, PsPjCr PSPμPsP±C...C-PrPSPëPNë
 CfPμPīCrP»ClCfPSPëPNë PjPsPSC-C, PsCfPëPSPi. PμPsPSC, CfPsP»CH CfP»C-Pr

ΠΐCΉPsPIPsPrPēC,Pē C‡P°CΓC,C-CēPμ CΓ ΠP°C†C-C"PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCΓ C,P° C...PIPsCΉPēC... PSP° C†PēCΉPsP· ΠPμC‡C-PSPePē (PrPēPI. CΉPsP·PrC-P»Pē B«PμPsP±C-C‡PSC-CΉPμP°PeC†C-C-B» C,P° B«PμPμCΉPμPrPsP·CΓPIP°PSPSCΠB»). P'CΓPrCH-CΠPePμ P»C-PeCΓPIP°PSPSCΠ PrC-CΓCΉPμC,PēPeP°PjPē PjPsPΠPμ CΓΠCΉPēC‡PēPSPēC,Pē PiC-ΠiPsPSP°C,CΉC-C"PjC-CΉ, C-PSPsPrC- P· PrCΓPΠPμ CΓPμCΉPNsP·PSPēPjPē PSP°CΓP»C-PrPeP°PjPē. P"C-ΠiPsPSP°C,CΉC-C"PjC-CΠ CΓ ΠiPsC"PPrPSP°PSPSC- P· PiC-ΠiPsPIPsP»PμPjC-C"CH PjPsPΠPμ ΠiCΉPēP·PIPμCΓC,Pē PrPs P·PSPμPIPsPrPSPμPSPSCΠ C,P° PsCΉC,PsCΓC,P°C,PēC‡PSPsC— P°CΉC,PμCΉC-P°P»CHPSPsC— PiC-ΠiPsC,PμPSP·C-C—. PŸCΓPiCΓC,PSCΠ PIC,CΉP°C,P° C-PsPSC-PI C...P»PsCΉCΓ PjPsPΠPμ ΠiCΉPēP·PIPμCΓC,Pē PrPs PIC,PsCΉPēPSPSPsPiPs PePsPjΠPμPSCΓP°C,PsCΉPSPsPiPs PjPμC,P°P±PsP»C-C‡PSPsPiPs P°P»PeP°P»PsP·CΓ: C‡P°CΓC,PsC,P° C,P° PIPēCΉP°PΠPμPSC-CΓC,CH C†CHPsPiPs PμC,,PμPeC,CΓ PSPμP·PSP°C‡PSC-.

P C-PIPμPSCH PeP°P»C-CΉ. P—PSPēPΠPμPSPSCΠ CΉC-PIPSCΠ PeP°P»C-CΉ PI PeCΉPsPIC- P· PIPēPSPēPePSPμPSPSCΠPj PiC-ΠiPsPeP°P»C-C"PjC-C— C" PsCΓPSPsPIPsPēPj C,,P°PeC,PsCΉPsPj CΉPēP·PēPeCΓ ΠiCΉPē P·P°CΓC,PsCΓCΓPIP°PSPSC- C,C-P°P·PēPrPSPēC... C,P° C,C-P°P·PēPrPsPiPsPrC-P±PSPēC... PrC-CΓCΉPμC,PēPeC-PI. P"C-ΠiPsPeP°P»C-C"PjC-CΠ PjPsPΠPμ CΓΠCΉPēC‡PēPSPēC,Pē PjBΉ™ CΠP·PsPIC- CΉPsP·P»P°PrPē. PκP°PrC...PsPrPēP»P° C-PSC,,PsCΉPjP°C†C-CΠ ΠiCΉPs PIPēPSPēPePSPμPSPSCΠ CΉP°P±PrPsPjC-PsP»C-P·CΓ, ΠiPμCΉPμPIP°PΠPSPs P· CΓCΓPiCΓC,PSCHPsCΉB C,CΠPΠPePsCΉ PiC-ΠiPsPeP°P»C-C"PjC-C"CH. PŸP»C-Pr P·P°ΠiPsP±C-ΠiP°C,Pē P·PSPēPΠPμPSPSCΉ CΉC-PIPSCΠ PeP°P»C-CΉ (< 3,4 PjPjPsP»CH/P») CΓ ΠiPμPIPsPēC... PeP°C,PμPiPsCΉC-PNē ΠiP°C†C-C"PSC,C-PI PIPēCΓPsPePsPiPs CΉPēP·PēPeCΓ, C,P°PePēC... CΠPe ΠiP°C†C-C"PSC,Pē P»C-C,PSCHPsPiPs PIC-PeCΓ C,P°/P°P±Ps C,C-, C...C,Ps PSPμPrPsCΓC,P°C,PSCHPs C...P°CΉC‡CΓC"CHCΓCΠ, PSPμP·P°P»PμPΠPSPs PIC-Pr P·P°CΓC,PsCΓCΓPIP°PSPSCΠ C-PSCēPēC... P»C-PeP°CΉCΓCHPePēC... P·P°CΓPsP±C-PI, ΠiP°C†C-C"PSC,Pē P· C†PēCΉPsP·PsPj ΠiPμC‡C-PSPePē, C%oPs CΓCΓPiCΉPsPIPsPrPΠCΓC"CHCΓCΠ PSP°P±CΉCΠPeP°PjPē C,P° P°CΓC†PēC,PsPj, ΠiP°C†C-C"PSC,Pē P· C-CēPμPjC-C‡PSPsCΉ C...PIPsCΉPsP±PsCΉ CΓPμCΉC†CΠ C,P° CΓPμCΉC†PμPIPsCΉ PSPμPrPsCΓC,P°C,PSC-CΓC,CΉ. Pj C,P°PePēC... PIPēΠiP°PrPeP°C... PiC-ΠiPsPeP°P»C-C"PjC-CΠ ΠiC-PrPIPēC%oCΓC" PeP°CΉPrC-PsC,PsPeCΓPēC‡PSC-CΓC,CH CΓPμCΉC†PμPIPēC... ΠiP»C-PePsP·PēPrC-PI C- CΉPēP·PēPe PIPēPSPēPePSPμPSPSCΠ ΠiPsCΉCΓCēPμPSCH CΓPμCΉC†PμPIPsPiPs CΉPēC,PjCΓ. PμP°C†C-C"PSC,Pē, CΠPeC- PjP°CΉC,CH ΠiPsPrPsPIPΠPμPSPēPNē QT-C-PSC,PμCΉPIP°P» PICΉPsPrPΠPμPSPsPiPs P°P±Ps CΠC,CΉPsPiPμPSPSPsPiPs T'PμPSPμP·CΓ, C,P°PePsPΠ PSP°P»PμPΠP°C,CH PrPs PiCΉCΓPiPē CΉPēP·PēPeCΓ. P"C-ΠiPsPeP°P»C-C"PjC-CΠ, CΠPe C- P±CΉP°PrPēPeP°CΉPrC-CΠ, C" CΓPiCΉPēCΠC,P»PēPIPēPj C,,P°PeC,PsCΉPsPj PIPēPSPēPePSPμPSPSCΠ ΠiPsCΉCΓCēPμPSCH CΓPμCΉC†PμPIPsPiPs CΉPēC,PjCΓ C,CΠPΠPePsPiPs CΓC,CΓPiPμPSCΠ, PsCΓPsP±P»PēPIPs ΠiP°CΉPsPeCΓPēP·PjP°P»CHPSPsC— CēP»CΓPSPsC‡PePsPIPsC— C,P°C...C-PeP°CΉPrC-C— C,PēPiCΓ B«PiC-CΉCΓPμC,B», CΠPeP° PjPsPΠPμ P±CΓC,Pē P»PμC,P°P»CHPSPsCΉ. PκPμPsP±C...C-PrPSPēPNē P±C-P»CHCē C‡P°CΓC,PēPNē PePsPSC,CΉPsP»CH CΉC-PIPSCΠ PeP°P»C-CΉ PI PeCΉPsPIC-. PμPμCΉCēPμ PIPēP·PSP°C‡PμPSPSCΠ CΉC-PIPSCΠ PeP°P»C-CΉ CΓ ΠiP»P°P·PjC- PeCΉPsPIC- CΓP»C-Pr ΠiCΉPsPIPμCΓC,Pē PSP° ΠiPμCΉCēPsPjCΓ C,PēPΠPSC- P»C-PeCΓPIP°PSPSCΠ. PμCΉPē P·PSPēPΠPμPSPsPjCΓ CΉC-PIPSC- PeP°P»C-CΉ PI PeCΉPsPIC- PSPμPsP±C...C-PrPSPs PNēPsPiPs PIC-PrPePsCΉPēPiCΓPIP°C,Pē.

P'PēCΠIP»PμPSPSCΠ PiC-ΠiPsPeP°P»C-C"PjC-C— PIPēPjP°PiP°C" C—C— PePsCΉPμPeC†C-C—. P"C-ΠiPsPeP°P»C-C"PjC-CΠ, C%oPs PIPēPSPēPeP»P° C‡PμCΉPμP· PSPēP·CHPeCΓ PePsPSC†PμPSC,CΉP°C†C-CΉ PjP°PiPSC-CΉ PI CΓPēCΉPsPIP°C,C†C- PeCΉPsPIC-, PjPsPΠPμ P±CΓC,Pē CΉPμC,,CΉP°PeC,PμCΉPSPsCΉ PrPs P»C-PeCΓPIP°PSPSCΠ, CΠPeC%oPs PSPμ ΠiCΉPsPIPsPrPēC,CHCΓCΠ PePsCΉPμPeC†C-CΠ CΉC-PIPSCΠ PjP°PiPSC-CΉ.

Р C-PIP_μPSCH_μ PeP°P»CHC†C-CH_μ. PŷC-P°P·PëPrPSC- C,P° C,C-P°P·PëPrPsPīPsPrC-P±PSC-
PrC-CrC_μCH_μμC,PëPePë PjPsP¶C†C,CH_μ P·PjP_μPSC€C†PIP°C,Pë P_μPeC†PeC_μCH_μμC†C-CH_μ
PeP°P»CHC†C-CH_μ P· C†P_μC†P_μCH_μ C- PīC_μCH_μPëP·PIPsPrPëC,Pë PrPs PSP_μP·PSP°C†PSPsPiPs
C,PëPjC†P°C†P_μPIPsPiPs PīC-PrPIPëC%P_μPSPSC‡ C_μCH_μ-PIPSC‡ PeP°P»CHC†C-CH_μ PI
PeC_μCH_μPsPIC-. P—PSP°C†PSP_μ PīC-PrPIPëC%P_μPSPSC‡ C_μCH_μ-PIPSC‡ PeP°P»CHC†C-CH_μ PI
PeC_μCH_μPsPIC- PjPsP¶P_μ P±C†C,Pë PīPsPīB_μ™ C‡P·P°PSP_μ P· PSP_μPrC-P°PiPSPsC†C,PSP°PSPëPj
PiC-PīP_μCH_μPiP°C_μCH_μP°C,PëC_μCH_μPsC—PrPëP·PjPsPj. PJ C,P°PePëC... PIPëPīP°PrPeP°C...
P»C-PeC†PIP°PSPSC‡ C†P»C-Pr PīC_μCH_μPëPīPëPSPëC,Pë C,P° PīC_μCH_μPsPiP_μC†C,Pë
PjPsPSC-C,PSC_μCH_μPëPSPi C,,C†PSPeC†C-C— PīP°C_μCH_μP°C%PëC,PSPiPëPrPSPëC... P·P°P»PsP·.

РP°PiPSC-PM_μ C† PīP»P°P·PjC- PeC_μCH_μPsPIC-. P'CrP»Ps PīPsPeP°P·P°PSPs, C%Ps
C,C-P°P·PëPrPë C,P° PīPsPīB_μ™ C‡P·P°PSC- P· PSPëPjPë PrC-CrC_μCH_μμC,PëPePë,
PIPeP»CHC†P°C†C†Pë C-PSP_μP°PīP°PjC-Pr, P·P±C-P»CHC€C†C_μCH_μ
P_μPeC†PeC_μCH_μμC†C-CH_μ PjP°PiPSC-CH_μ P· C†P_μC†P_μCH_μ, C%Ps PjPsP¶P_μ
C†PīC_μCH_μPëC†PëPSPëC,Pë PiC-PīPsPjP°PiPSC-C" PjC-CH_μ (PrPëPI. C_μCH_μPsP·PrC-P»Pë
B«P'P·P°C" PjPsPrC-C‡ P· C-PSC€PëPjPë P»C-PeP°C_μCH_μCH_μPePëPjPë C,P° C-PSC€C-
PIPëPrPë PIP·P°C" PjPsPrC-PM_μB» C,P° B«P_μPsP±C-C†PSC- C_μCH_μP_μP°PeC†C-C—B»).

Р C-PIP_μPSCH_μ PiP»CHPePsP·Pë PI PeC_μCH_μPsPIC-. P_μPsPSC,C_μCH_μPsP»CH_μ C_μCH_μ-PIPSC‡
PiP»CHPePsP·Pë PI PeC_μCH_μPsPIC- C" PrC†P¶P_μ PIP°P¶P»PëPIPëPj PrP»C‡ PīP°C†C-C"PSC,C-PI P·
C†C†PeC_μCH_μPsPiPëPj PrC-P°P±P_μC,PSPj, PsC†PsP±P»PëPIPs PīC_μCH_μPë P·PSPëP¶P_μPSPsPjC†
C_μCH_μ-PIPSC- PeP°P»C-CH_μ.

РŸP_μC†PsPIP° PePëC†P»PsC,P°. PJ PīP°C†C-C"PSC,C-PI C-P· PīC-PrPIPëC%P_μPSPëPj
C_μCH_μ-PIPSP_μPj C†P_μC†PsPiPsC— PePëC†P»PsC,Pë PI PeC_μCH_μPsPIC- PjPsP¶P»PëPIP_μ
P·P±C-P»CHC€P_μPSPSC‡ PeC-P»CHPePsC†C,C- PSP°PīP°PrC-PI PīPsPrP°PīC_μCH_μPë.

РC†PSPeC†C-C‡ PSPëC_μCH_μPsPe C- PrC-CrC_μCH_μμC,PëPePë. PŷC-P°P·PëPrPSC- C,P°
C,C-P°P·PëPrPsPīPsPrC-P±PSC- PrC-CrC_μCH_μμC,PëPePë PSP°PM_μP±C-P»CHC€
P_μC,,P_μPeC,PëPIPSC-, PePsP»Pë C,,C†PSPeC†C-C‡ PSPëC_μCH_μPsPe C† PSPsC_μCH_μPjC- P°P±Ps
PīPsC_μCH_μC†C€P_μPSPSC‡ C" PSP_μP·PSP°C†PSPëPjPë (C_μCH_μ-PIP_μPSCH_μ PeC_μCH_μP_μP°C,PëPSC-PSC† PI
PeC_μCH_μPsPIC- < 25 PjPi/P», C,PSP±C,Ps 220 PjPePjPsP»CH_μ/P» C† PrPsC_μCH_μPsC†P»PëC...).
PJ PīP°C†C-C"PSC,C-PI P»C-C,PSCH_μPsPiPs PIC-PeC† C_μCH_μ-PIP_μPSCH_μ PeC_μCH_μP_μP°C,PëPSC-PSC†
PīP»P°P·PjPë PeC_μCH_μPsPIC- C†P»C-Pr PIPëP·PSP°C†P°C,Pë P·P° C,,PsC_μCH_μPjC†P»PsC_μ
P_μPsPeC_μCH_μPsC,,C,P° P· C†C_μCH_μP°C...C†PIP°PSPSC‡Pj PIC-PeC†, PjP°C†Pë C,C-P»P° C,P° C†C,P°C,C-:
PeP»C-C_μCH_μP_μPSC† PeC_μCH_μP_μP°C,PëPSC-PSC† (cl_{cr}) = (140 B_μ" PIC-Pe) × PjP°C†P° C,C-P»P°/0,814 ×
C_μCH_μ-PIP_μPSCH_μ PeC_μCH_μP_μP°C,PëPSC-PSC† C† PīP»P°P·PjC- PeC_μCH_μPsPIC-, PrP_μ PIC-Pe
PIPëC_μCH_μP°P¶P_μPSPëPM_μ C† C_μCH_μPsPeP°C..., PjP°C†P° C,C-P»P° B_μ" C† PeC-P»PsPiC_μCH_μPjP°C...,
C_μCH_μ-PIP_μPSCH_μ PeC_μCH_μP_μP°C,PëPSC-PSC† C† PīP»P°P·PjC- PeC_μCH_μPsPIC- B_μ" C†
PjC-PeC_μCH_μPsPjPsP»C‡C.../P»C-C,C_μCH_μ. P|C‡ C,,PsC_μCH_μPjC†P»P° PīC_μCH_μPëPM_μPSC‡C,PSP° PrP»C‡
PIPëP·PSP°C†P_μPSPSC‡ C_μCH_μ-PIPSC‡ PeC_μCH_μP_μP°C,PëPSC-PSC† PīP»P°P·PjPë PeC_μCH_μPsPIC- C†
C†PsP»PsPIC-PeC-PI P»C-C,PSCH_μPsPiPs PIC-PeC†, P°P»P_μ PrP»C‡ P¶C-PSPsPe C—C— C†P»C-Pr
P°PrP°PīC,C†PIP°C,Pë C€P»C‡C...PsPj PjPSPsP¶P_μPSPSC‡ C_μCH_μP·C†P»CH_μC,P°C,C† PSP° 0,85.
P"C-PīPsPiPsP»P_μPjC-C‡, C†PīC_μCH_μPëC†PëPSP_μPSP° PIC,C_μCH_μP°C,PsC_μCH_μ PIPsPrPë C,P°
PSP°C,C_μCH_μ-CH_μ PIPSP°C†P»C-PrPsPe PīC_μCH_μPëPM_μPsPjC† PrC-CrC_μCH_μμC,PëPeC-PI PSP°
PīPsC†P°C,PeC† P»C-PeC†PIP°PSPSC‡, P·PSPëP¶C†C" PīP»PsPjP_μCH_μC†P»C‡C_μCH_μPSC†
C,,C-P»CH_μC,C_μCH_μP°C†C-CH_μ, C%Ps PjPsP¶P_μ PīC_μCH_μPëP·PIP_μC†C,Pë PrPs PīC-PrPIPëC%P_μPSPSC‡
C_μCH_μ-PIPSC‡ C†P_μC†PsPiPëPSPë C,P° PeC_μCH_μP_μP°C,PëPSC-PSC† PI PeC_μCH_μPsPIC-. P|C‡
C,C_μCH_μP°PSP·PëC,PsC_μCH_μPSP° C,,C†PSPeC†C-PSPSP°P»CH_μPSP° PSPëC_μCH_μPePsPIP°
PSP_μPrPsC†C,P°C,PSC-C†C,CH_μ PSP_μ PjP°C" PīPsP±C-C†PSPëC... PSP°C†P»C-PrPeC-PI C†
PīP°C†C-C"PSC,C-PI C-P· PSPsC_μCH_μPjP°P»CH_μPSPsC_μ C,,C†PSPeC†C-C"CH_μ PSPëC_μCH_μPsPe, P°P»P_μ

PjPsP¶Pµ PiPsPiC-ÇĤC€PëC,Pë PSP°CĬPIPSCř PSPëÇĤPePsPICř PSPµPrPsCřC,P°C,PSC-CřC,CH.

PIPsÇĤC-PsC-PrP°P»CHßPSPëPNë PIPëPiC-C,, PiPsCřC,ÇĤP° PjC-PsPiC-CĬ
(PePsÇĤPsC,PePsP·PsÇĤC-CřC,CH) C,P° PIC,PsÇĤPëPSPSP° P·P°PeÇĤPëC,PsPeCřC,PsPIP°
PiP»P°CřPePsPjP°. PµÇĤPµPiP°ÇĤP°C,Pë, C%Ps PjC-CřC,CĬC,CH CřCřP»CHC,,PsPSP°PjC-Pr
P°P±Ps PiPsC...C-PrPSC- CřCřP»CHC,,PsPSP°PjC-PrCř, PjPsP¶CřC,CH PIPëPeP»PëPeP°C,Pë
C-PrC-PsCřPëPSPeÇĤP°C,PëC±PSCř ÇĤPµP°PeC†C-ÇĤ, C%Ps CřPiÇĤPëC±PëPSCĬC”
C...PsÇĤC-PsC-PrP°P»CHßPSPëPNë PIPëPiC-C, P· PrPµC,,PµPeC,PsPj P·PsÇĤPsPIPsPiPs PiPsP»CĬ,
C,ÇĤP°PSP·PëC,PsÇĤPSPsÇĤ PjC-PsPiC-C”ÇĤ C,P° PiPsCřC,ÇĤCř P·P°PeÇĤPëC,PsPeCřC,PsPICř
PiP»P°CřPePsPjCř. PŸPëPjPiC,PsPjPë PIPeP»ÇĤC±P°ÇĤC,CH PiPsCřC,ÇĤPëPNë PiPsC±P°C,PsPe
P·PSPëP¶PµPSPSCĬ PiPsCřC,ÇĤPsC,Pë P·PsÇĤCř P°P±Ps P±C-P»CH PI PsC†C- C-, CĬPe
PiÇĤP°PIPëP»Ps, PIPëPSPëPeP°ÇĤC,CH PiÇĤPsC,CĬPiPsPj PrPµPeC-P»CHPePsC... PiPsPrPëPS
P°P±Ps C,PëP¶PSC-PI P· PiPsC±P°C,PeCř P·P°CřC,PsCřCřPIP°PSPSCĬ PiÇĤPµPiP°ÇĤP°C,Cř.
PķPµP»C-PePsPIP°PSP° PiPsCřC,ÇĤP° P·P°PeÇĤPëC,PsPeCřC,PsPIP° PiP»P°CřPePsPjP° PjPsP¶Pµ
PiÇĤPëP·PIPµCřC,Pë PrPs PiPsCřC,C-PNëPSPsC- PIC,ÇĤP°C,Pë P·PsÇĤCř. PhCřPSPsPIPsPµ
P»C-PeCřPIP°PSPSCĬ BĤ” C†Pµ CĬPePSP°PNëC€PIPëPrC€Pµ PiÇĤPëPiPëPSPëC,Pë
P·P°CřC,PsCřCřPIP°PSPSCĬ P»C-PeP°ÇĤCřCHPePsPiPs P·P°CřPsP±Cř. PİPeC%Ps
PIPSCřC,ÇĤC-C€PSCßPsPsC±PSPëPNë C,PëCřPe P·P°P»PëC€P°C”C,CHCřCĬ
PSPµPePsPSC,ÇĤPsP»CHßPsPIP°PSPëPj, PjPsP¶P»PëPIPs, PSPµPsP±C...C-PrPSPs
P·P°CřC,PsCřPsPICřPIP°C,Pë PsPiPµÇĤP°C,PëPIPSC- PjPµPrPëPeP°PjPµPSC,PsP·PSC- P°P±Ps
C...C-ÇĤCřCĤPiC-C±PSC- PjPµC,PsPrPë P»C-PeCřPIP°PSPSCĬ. PµP°PeC,PsÇĤP°PjPë
ÇĤPëP·PëPeCř ÇĤPsP·PIPëC,PeCř PiPsCřC,ÇĤPsC- P·P°PeÇĤPëC,PsPeCřC,PsPIPsC-
PiP»P°CřPePsPjPë PjPsP¶Pµ P±CřC,Pë P°P»PµÇĤPiC-CĬ PSP° CřCřP»CHC,,PsPSP°PjC-Pr P°P±Ps
PiPµPSC-C†PëP»C-PS PI P°PSP°PjPSPµP·C-.

PŸPiPsÇĤC,CřPjPµPSPë. PŸPiPsÇĤC,CřPjPµPSPë PjP°ÇĤC,CH PiP°PjBĤ™ CĬC,P°C,Pë, C%Ps
C†PµPNë PiÇĤPµPiP°ÇĤP°C, PjC-CřC,PëC,CH PrC-ÇĤC±Cř ÇĤPµC±PsPIPëPSCř, C%Ps PjPsP¶Pµ
CřPiÇĤPëC±PëPSPëC,Pë PiPsP·PëC,PëPIPSCř ÇĤPµP°PeC†C-ÇĤ PiÇĤPë PiÇĤPsPIPµPrPµPSPSC-
PrPsPiC-PSPi-PePsPSC,ÇĤPsP»ÇĤ.

***P-P°CřC,PsCřCžPIP°PSPSCĬ Cž PiPµÇĤC-PsPr PIP°PiC-C,PSPsCřC,C- P°P±Ps
PiPsPrCžPIP°PSPSCĬ PiÇĤCžPrPrÇĤ.***

P·P°PiC-C,PSC-CřC,CH. PµÇĤPµPiP°ÇĤP°C, PiÇĤPsC,PëPiPsPeP°P·P°PSPs
P·P°CřC,PsCřPsPICřPIP°C,Pë PIP°PiC-C,PSPëPj P°P±Ps P¶C-PSPeP°Pj, CĬPeC-
PiP»P°PSCřÇĤC,CH P·P°PIP°PiC-C,PSC-C,Pë.

P-P°CřC,PµÇĤPµP¶PµPSPSCĬ, PiPsPiBĤ™ CĬP·P°PSC- P· PiPµÇĤPëPSPPrPsPiÇĤPëP»PsPj.
PµPµÇĤPµPePsPSP»PëPIPëC... PµPiC-PrPµPjC-PsP»PsPiC-C±PSPëC... PrPsPeP°P·C-PI
C,PµÇĤP°C,PsPiPµPSPSPsPiPs ÇĤPëP·PëPeCř PiÇĤPë P·P°CřC,PsCřCřPIP°PSPSC-
C-PSPiC-P±C-C,PsÇĤC-PI PhPµPµ PiÇĤPsC,CĬPiPsPj P† C,ÇĤPëPjPµCřC,ÇĤCř
PIP°PiC-C,PSPsCřC,C- PSPµPjP°C”; PsPrPSP°Pe PSPµ PjPsP¶PSP° PIPëPeP»ÇĤC±P°C,Pë
PSPµPIPµP»PëPePµ PiC-PrPIPëC%PµPSPSCĬ C†CHßPsPiPs ÇĤPëP·PëPeCř. PİPeC%Ps
PiÇĤPsPrPsPIP¶PµPSPSCĬ P»C-PeCřPIP°PSPSCĬ C-PSPiC-P±C-C,PsÇĤP°PjPë PhPµPµ
PIPIP°P¶P°C”C,CHCřCĬ PsP±PsPiBĤ™ CĬP·PePsPIPëPj, PiP°C†C-C”PSC,PsPe, CĬPeC-
PiP»P°PSCřÇĤC,CH PIP°PiC-C,PSC-CřC,CH, PSPµPsP±C...C-PrPSPs PiPµÇĤPµPIPµCřC,Pë PSP°
P°P»CHC,PµÇĤPSP°C,PëPIPSC- P°PSC,PëPiC-PiPµÇĤC,PµPSP·PëPIPSC- PiÇĤPµPiP°ÇĤP°C,Pë,
C%Ps PjP°ÇĤC,CH PiC-PrC,PIPµÇĤPrP¶PµPSC- PrP°PSC- PiÇĤPs P±PµP·PiPµPeCř PiÇĤPë
P·P°CřC,PsCřCřPIP°PSPSC- Cř PiPµÇĤC-PsPr PIP°PiC-C,PSPsCřC,C-. PİPeC%Ps Cř
PiPµÇĤC-PsPr P»C-PeCřPIP°PSPSCĬ PiC-PrC,PIPµÇĤPrP¶CřC”C,CHCřCĬ
PIP°PiC-C,PSC-CřC,CH, P»C-PeCřPIP°PSPSCĬ C-PSPiC-P±C-C,PsÇĤP°PjPë PhPµPµ CřP»C-Pr
PSPµPiP°PNëPSPs PiÇĤPëPiPëPSPëC,Pë C- Cř ÇĤP°P·C- PSPµPsP±C...C-PrPSPsCřC,C-

P·P°PjC-PSPëC, Pë C-PSC€PëPj P»C-PeP°CĤCĤPePëPj P·P°CĤPsP±PsPj, PrPsP·PIPsP»PμPSPëPj PrP»CĤ P·P°CĤC, PsCĤCĤPIP°PSPSCĤ PIP°PiC-C, PSPëPj. P'C-PrPsPjPs, C%Ps PiCĤPëPNëPsPj C-PSPiC-P±C-C, PsCĤC-PI PhPμPα PiCĤPsC, CĤPiPsPj P†P† C, P° P†P†P† C, CĤPëPjPμCĤC, CĤC-PI PIP°PiC-C, PSPsCĤC, C- C†PëPSPëC, Ch C, PsPeCĤPëC†PSPëPNë PIPiP»PëPI PSP° PïP»C-Pr (P·PSPëPμPμPSPSCĤ C,, C†PSPeC†C-C— PSPëCĤPsPe, PjP°P»PsPIPsPrPrCĤ, C†PïPsPIC-P»ChPSPμPSPSCĤ C,, PsCĤPjCĤPIP°PSPSCĤ PeC-CĤC, PePsPIPsC— C, PeP°PSPëPSPë C†PμCĤPμPïP°) C, P° PSP° PsCĤPiP°PSC-P·Pj PSPsPIPsPSP°CĤPsPrPμPμPSPsC— PrPëC, PëPSPë (PSPëCĤPePsPIP° PSPμPrPsCĤC, P°C, PSC-CĤC, Ch, P°CĤC, PμCĤC-P°P»ChPSP° PiC-PiPsC, PμPSP·C-CĤ, PiC-PiPμCĤPeP°P»C-C" PjC-CĤ). PïPeC%Ps Pμ C-PSPiC-P±C-C, PsCĤPë PhPμPα P·P°CĤC, PsCĤPsPICĤPIP°P»Pë C† P†P† C, P° P†P†P† C, CĤPëPjPμCĤC, CĤP°C... PIP°PiC-C, PSPsCĤC, C-, CĤPμPePsPjPμPSPPrPsPIP°PSPs C†P»ChC, CĤP°P·PICĤPePsPIPμ PsP±CĤC, PμPμPμPSPSCĤ C,, C†PSPeC†C-PNë PSPëCĤPsPe C, P° P±C†PrPsPIPë C†PμCĤPμPïP° PSPsPIPsPSP°CĤPsPrPμPμPSPsPiPs. P—P° PSPsPIPsPSP°CĤPsPrPμPμPSPëPjPë, C†PëC— PjP°C, PμCĤC- C† PiPμCĤC-PsPr PIP°PiC-C, PSPsCĤC, C- PiCĤPëPNëPjP°P»Pë C-PSPiC-P±C-C, PsCĤPë PhPμPα, C†P»C-Pr C†PiPsCĤC, PμCĤC-PiP°C, Pë PrP»CĤ CĤPIPSC" C†P°CĤPSPsPiPs PIPëCĤPIP»PμPSPSCĤ C- PePsCĤPμPeC†C-C— P°CĤC, PμCĤC-P°P»ChPSPsC— PiC-PiPsC, PμPSP·C-C—.

P—P°CĤC, PμCĤPμPμPμPSPSCĤ, PïPsPIBĤ™ CĤP·P°PSC- P· C-PSPrP°PïP°PjC-PrPsPj. P"°PSC- C%PsPrPs P·P°CĤC, PsCĤCĤPIP°PSPSCĤ C-PSPrP°PïP°PjC-PrC† PIP°PiC-C, PSPëPj PμC-PSPeP°Pj PIC-PrCĤCĤC, PSC- P°P±Ps PsP±PjPμPμPμPSC- (PjPμPSC€Pμ 300 PIPëPïP°PrPeC-PI).
PĤP°CĤP»C-PrPePsPj C, CĤPëPIP°P»PsPiPs P·P°CĤC, PsCĤCĤPIP°PSPSCĤ C, C-P°P·PëPrPSPsPiPs PrC-C†CĤPμC, PëPeP° PiC-Pr C†P°CĤ P†P†P† C, CĤPëPjPμCĤC, CĤC† PIP°PiC-C, PSPsCĤC, C- PjPsPμPμ P±C†C, Pë P·PSPëPμPμPSPSCĤ PsP±BĤ™ C" PjC† C†PëCĤPeC†P»CĤCĤC†PsC— PeCĤPsPIC- PIP°PiC-C, PSPsC— PμC-PSPePë C, P° PjP°C, PePsPIPs-PïP»P°C†PμPSC, P°CĤPSPsPiPs PeCĤPsPIPsPSP°PiPsPIPsPμPSPSCĤ, C%Ps PjPsPμPμ CĤPiCĤPëC†PëPSPëC, Pë C,, PμC, PsPiP»P°C†PμPSC, P°CĤPSC† C-C€PμPjC-CĤ C- P·P°C, CĤPëPjPeC† CĤPsP·PIPëC, PeC† PïP»PsPrP°. P"°PSCĤP»C-PrPμPμPSPSCĤ PSP° C, PIP°CĤPëPSP°C... PSPμ PIPëCĤPIPëP»Pë PiCĤCĤPjPsPiPs P°P±Ps PsPiPsCĤPμCĤPμPrPePsPIP°PSPsPiPs C, PsPeCĤPëC†PSPsPiPs PIPiP»PëPIC† PSP° CĤPμPiCĤPsPrC†PeC, PëPIPsC-CĤC, Ch. PïPe P·P°PiPsP±C-PμPSPëPNë P·P°C...C-Pr P±P°PμP°PSPs C†PSPëPeP°C, Pë P·P°CĤC, PsCĤCĤPIP°PSPSCĤ C-PSPrP°PïP°PjC-PrC† PiC-Pr C†P°CĤ PIP°PiC-C, PSPsCĤC, C-.

P"°PSCĤP»C-PrPμPμPSPSCĤ PiCĤCĤPrPrCĤ. P†PĤ-PĤP·P†PŸP·P PSPμ CĤPμPePsPjPμPSPPrPsPIP°PSPëPNë C† PiPμCĤC-PsPr PiPsPrC†PIP°PSPSCĤ PiCĤC†PrPrCĤ. PĤPμPsP±C...C-PrPSPs PiCĤPëPNëPSCĤC, Pë CĤC-C€PμPSPSCĤ C%PsPrPs PiCĤPëPïPëPSPμPSPSCĤ PiPsPrC†PIP°PSPSCĤ PiCĤC†PrPrCĤ P°P±Ps PIC-PrPjC-PSPë PiCĤPμPïP°CĤP°C, C†, PICĤP°C...PsPIC†CĤC†Pë PIP°PμP»PëPIC-CĤC, Ch C, PμCĤP°PiC-C— PrP»CĤ PjP°C, PμCĤC-.

P—P°CĤC, PμCĤPμPμPμPSPSCĤ, PïPsPIBĤ™ CĤP·P°PSC- P· PiPμCĤPëPSPPrPsPiCĤPëP»PsPj. P—P°CĤC, PsCĤCĤPIP°PSPSCĤ PiPμCĤPëPSPPrPsPiCĤPëP»C† C† PiPμCĤC-PsPr PiPsPrC†PIP°PSPSCĤ PiCĤC†PrPrCĤ PSPμ CĤPμPePsPjPμPSPPrPsPIP°PSPμ C† P·PIBĤ™ CĤP·PeC† P· PIC-PrCĤCĤC, PSC-CĤC, CĤ PrP°PSPëC.... PŸP»C-Pr PSP°PrP°C, Pë PiPμCĤPμPIP°PiC† P°P»ChC, PμCĤPSP°C, PëPIPsPjC† P»C-PeC†PIP°PSPSCĤ P· PrPsPIPμPrPμPSPëPj PiCĤPsC,, C-P»PμPj P±PμP·PiPμPePë, PsCĤPsP±P»PëPIPs C† PiPμCĤC-PsPr PiPsPrC†PIP°PSPSCĤ PiCĤC†PrPrCĤ PSPsPIPsPSP°CĤPsPrPμPμPSPsPiPs P°P±Ps PSPμPrPsPSPsC€PμPSPsPiPs PSPμPjPsPIP»CĤC, Pë.

P—P°CĤC, PμCĤPμPμPμPSPSCĤ, PïPsPIBĤ™ CĤP·P°PSC- P· C-PSPrP°PïP°PjC-PrPsPj. P"°PSC- C%PsPrPs PiCĤPsPSPëPePSPμPSPSCĤ
C-PSPrP°PïP°PjC-PrC†/PjPμC, P°P±PsP»C-C, C-PI C† PiCĤC†PrPSPμ PjPsP»PsPePs

PSPµPrPsCfC,P°C,PSC-. PµPsP¶CfC,CH C¶PsP·PIPëPSCfC,PëCfC¶
PiC-PiPµC¶CfC,P»PëPIC-CfC,CH PrPs PiPsC...C-PrPSPëC... CfCfP»CHC,,PsPSP°PjC-PrC-PI
C,P° PiC-PiPsPeP°P»C-C"PjC-C¶. P PëP·PëPe PrP»C¶
PSPsPiPsPSP°C¶PsPrP¶PµPSPëC.../PSPµPjPsPIP»C¶C, PIPëPeP»CHCfP°C,Pë PSPµ PjPsP¶PSP°.
P†PSPrP°PïP°PjC-Pr PSP°P»PµP¶PëC,CH PrPs C,C-P°P·PëPrPsPiPsPrC-P±PSPëC...
PrC-CrC¶PµC,PëPeC-PI, P·P°CfC,PsCfCfPIP°PSPSC¶ C¶PePëC... PiC-Pr CfP°Cf
PiPsPrCfPIP°PSPSC¶ PiC¶CfPrPrC¶ PiPsPiB¶™ C¶P·CfC¶C,CH P·C- P·PjPµPSCëPµPSPSC¶Pj
P°P±Ps PSP°PIC-C,CH PiC¶PëPiPSC-CfPµPSPSC¶Pj P»P°PeC,P°C†C-C—. P†PSPrP°PïP°PjC-Pr
PSPµ C¶PµPePsPjPµPSPrPsPIP°PSPëPµ Cr PiPµC¶C-PsPr PiPsPrCfPIP°PSPSC¶ PiC¶CfPrPrC¶.

PµPµC¶C,PëP»CHPSC-CfC,CH

P—P°CfC,PµC¶PµP¶PµPSPSC¶, CfPiC-P»CHPSC- PrP»C¶ PiPµC¶PëPSPrPsPiC¶PëP»Cr C,P°
C-PSPrP°PïP°PjC-PrCf. P"PsCfP»C-PrP¶PµPSPSC¶ C¶PµPiC¶PsPrCfPeC,PëPIPSsC—
C,PsPeCfPëCfPSPsCfC,C- PiPsPeP°P·P°P»Pë PIC-PrCfCfC,PSC-CfC,CH PIP»PëPICr PSP°
C,,PµC¶C,PëP»CHPSC-CfC,CH CfP°PjC†C-PI C,P° CfP°PjPsPe C,PIP°C¶PëPS. P'PiP»PëPICr PSP°
C,,PµC¶C,PëP»CHPSC-CfC,CH P»C¶PrPëPSPë PSPµ PsC†C-PeCfC"C,CHCfC¶.

***P—PrP°C,PSC-CfC,CH PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CfC,CH C¶PµP°PeC†C-C—
PiC¶Pë PePµC¶CzPIP°PSPSC- P°PIC,PsC,C¶P°PSCfPiPsC¶C,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë.***

P"C-C¶C†C- C¶PµC†PsPIPëPSPë PiPµC¶PëPSPrPsPiC¶PëP» C,P° C-PSPrP°PïP°PjC-Pr
PsPeC¶PµPjPs P°P±Ps PePsPjP±C-PSP°C†C-C¶ Cr PIPëPiP»C¶PrC-
P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cr P†P¶-P¶P»P†P¶P·P PSPµ PIPiP»PëPIP°C¶C,CH
PSP° P·PrP°C,PSC-CfC,CH PePµC¶CfPIP°C,Pë P°PIC,PsC,C¶P°PSCfPiPsC¶C,PsPj P°P±Ps
PiC¶P°C†C¶PIP°C,Pë P· C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë, P°P»Pµ PI PrPµC¶PePëC...
PïP°C†C-C"PSC,C-PI PjPsP¶CfC,CH PIPëPSPëPeP°C,Pë C-PSPrPëPIC-PrCfP°P»CHPSC-
C¶PµP°PeC†C-C—, PiPsPiB¶™ C¶P·P°PSC- P·C- P·PSPëP¶PµPSPSC¶Pj
P°C¶C,PµC¶C-P°P»CHPSPsPiPs C,PëCfPeCr, PsCfPsP±P»PëPIPs PSP° PiPsC†P°C,PeCr
P»C-PeCfPIP°PSPSC¶ P°P±Ps PiC¶Pë PsPrPSPsC†P°CfPSPsPjCr P·P°CfC,PsCfCfPIP°PSPSC- P·
C-PSCëPëPjPë P°PSC,PëPiC-PiPµC¶C,PµPSP·PëPIPSPëPjPë PiC¶PµPiP°C¶P°C,P°PjPë. PïPe
PSP°CfP»C-PrPsPe, P·PrP°C,PSC-CfC,CH PePµC¶CfPIP°C,Pë P°PIC,PsC,C¶P°PSCfPiPsC¶C,PsPj
P°P±Ps PiC¶P°C†C¶PIP°C,Pë P· C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë PjPsP¶Pµ
PiPsPiC-C¶CëPëC,PëCfC¶.

P¶PiPsCfC-P± P·P°CfC,PsCfCzPIP°PSPSC¶ C,P° PrPsP·Pë.

P"P»C¶ PiPµC¶PsC¶P°P»CHPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶.

P†P¶-P¶P»P†P¶P·P 2 PjPi/0,625 PjPi: P PµPePsPjPµPSPrPsPIP°PSP° PrPsP·P°
P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cr P†P¶-P¶P»P†P¶P·P CfC,P°PSPsPiPëC,CH 1
C,P°P±P»PµC,PeCr PSP° PrPsP±Cr PsPrPSPsC¶P°P·PsPIPs, P±P°P¶P°PSPs PIC¶P°PSC†C-
PiPµC¶PµPr C—PrPsC¶. PïPeC%Ps P°C¶C,PµC¶C-P°P»CHPSPëPµ C,PëCfPe PSPµ
PrPsCfC¶PiP°C" PePsPSC,C¶PsP»C¶ PiC-CfP»C¶ 1 PjC-CfC¶C†C¶ P»C-PeCfPIP°PSPSC¶,
PrPsP·Cr PjPsP¶PSP° PiPsPrPIPsC—C,Pë.

P†P¶-P¶P»P†P¶P·P 4 PjPi/1,25 PjPi: P PµPePsPjPµPSPrPsPIP°PSP° PrPsP·P°
P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cr P†P¶-P¶P»P†P¶P·P CfC,P°PSPsPiPëC,CH 1
C,P°P±P»PµC,PeCr PSP° PrPsP±Cr PsPrPSPsC¶P°P·PsPIPs, P±P°P¶P°PSPs PIC¶P°PSC†C-
PiPµC¶PµPr C—PrPsC¶. PµPsP¶Pµ P±CrC,Pë C¶PµPePsPjPµPSPrPsPIP°PSPëPµ
C-PSPrPëPIC-PrCfP°P»CHPSPëPµ PiC-PrP±C-C¶ PrPsP·Pë PsPeC¶PµPjPëC...

PePsPjPiPsPSPμPSC,C-PI PiCḡPμPiP°CḡP°C,Cr. PJ CḡP°P·C- PeP»C-PSC-C‡PSPsC—
PrPsC†C-P»CHPSPsC†C,C- PjPsP¶P»PëPIPëPNḡ PiPμCḡPμC...C-Pr PIC-Pr
PjPsPSPsC,PμCḡP°PiC-C— PsPrCḡP°P·Cr PrPs P»C-PeC†PIP°PSPSC‡ PiCḡPμPiP°CḡP°C,PsPj
P†Pḡ-PḡP>P†PḡP·P 4 PjPi/1,25 PjPi.

P†Pḡ-PḡP>P†PḡP·P 8 PjPi/2,5 PjPi: P PμPePsPjPμPSPrPsPIP°PSP° PrPsP·P°
P»C-PeP°CḡC†CHPePsPiPs P·P°C†PsP±Cr P†Pḡ-PḡP>P†PḡP·P C†C,P°PSPsPIPëC,CH 1
C,P°P±P»PμC,PeC† PSP° PrPsP±Cr PsPrPSPsCḡP°P·PsPIPs, P±P°P¶P°PSPs PICḡP°PSC†C-
PiPμCḡPμPr C—PrPsCḡ.

PμP°C†C-C°PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCž (PrPëPI. CḡPsP·PrC-P»
B«PhC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†CžPIP°PSPSC‡B»).

P†Pḡ-PḡP>P†PḡP·P 2 PjPi/0,625 PjPi: P>C-PeC†PIP°PSPSC‡ C†P»C-Pr CḡPsP·PiPsC‡PëPSP°C,Pë P·
CḡPμPePsPjPμPSPrPsPIP°PSPsC— PrPsP·Pë PiCḡPμPiP°CḡP°C,Cr P†Pḡ-PḡP>P†PḡP·P 2 PjPi/0,625
PjPi Bḡ“ 1 C,P°P±P»PμC,PeP° PSP° PrPsP±Cr.

P†Pḡ-PḡP>P†PḡP·P 4 PjPi/1,25 PjPi: PiP°C†C-C°PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeC†
P»C-PeC†PIP°PSPSC‡ C†P»C-Pr PiCḡPëP·PSP°C‡P°C,Pë, PICḡP°C...PsPIC†CḡC‡Pë
PiPsPeP°P·PSPëPePë P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëC†PeC† C,P° C„C†PSPeC†C-Cḡ
PSPëCḡPsPe.

P†Pḡ-PḡP>P†PḡP·P 8 PjPi/2,5 PjPi: PiP°C†C-C°PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeC† C†P»C-Pr
PIPëP·PSP°C‡PëC,Pë CḡC-PIPμPSCH PeCḡPμP°C,PëPSC-PSC† PiP»P°P·PjPë PeCḡPsPIC- P·
C†CḡP°C...C†PIP°PSPSC‡Pj PIC-PeC†, PjP°C†Pë C,C-P»P° C,P° C†C,P°C,C-. P>C-PeC†PIP°PSPSC‡
PiP°C†C-C°PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeC† PjPsP¶PSP° CḡPsP·PiPsC‡PëPSP°C,Pë Cr
CḡP°P·C- PSPsCḡPjP°P»CHPSPsC— C„C†PSPeC†C-C— PSPëCḡPsPe C,P° PiC-C†P»C‡
PICḡP°C...C†PIP°PSPSC‡ PIC-PrPiPsPIC-PrC- P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëC†PeC† PSP°
C,PμCḡP°PiC-Cḡ.

PμP°C†C-C°PSC,Pë P· PiPsCḡCžC€PμPSPSC‡Pj C„CžPSPeC†C-C— PSPëCḡPsPe (PrPëPI.
CḡPsP·PrC-P» B«PhC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†CžPIP°PSPSC‡B»).

P†Pḡ-PḡP>P†PḡP·P 2 PjPi/0,625 PjPi: PJ CḡP°P·C- PSP°C‡PIPSPsC†C,C- PiPsCḡC†C€PμPSCH
C„C†PSPeC†C-C— PSPëCḡPsPe C,C‡P¶PePsPiPs C†C,C†PiPμPSC‡ (PeP»C-CḡPμPSC†
PeCḡPμP°C,PëPSC-PSC† < 30 PjP»/C...PI) P»C-PeC†PIP°PSPSC‡ PiCḡPμPiP°CḡP°C,PsPj
PiCḡPsC,PëPiPsPeP°P·P°PSPμ. P°P»C‡ PiP°C†C-C°PSC,C-PI C-P· PiPsCḡC†C€PμPSPSC‡PjPë
C„C†PSPeC†C-C— PSPëCḡPsPe PiPsPjC-CḡPSPsPiPs C†C,C†PiPμPSC‡ (PeP»C-CḡPμPSC†
PeCḡPμP°C,PëPSC-PSC† 30-60 PjP»/C...PI) PjP°PeC†PëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P°
C†C,P°PSPsPIPëC,CH 1 C,P°P±P»PμC,PeC† PiCḡPμPiP°CḡP°C,Cr P†Pḡ-PḡP>P†PḡP·P 2 PjPi/0,625
PjPi. PμP°C†C-C°PSC,Pë P· PeP»C-CḡPμPSC†PsPj PeCḡPμP°C,PëPSC-PSC† ≥ 60 PjP»/C...PI PSPμ
PiPsC,CḡPμP±C†CḡC,CH PePsCḡPμPeC†C-C— PrPsP·Pë. P—PIPëC‡P°PNḡPSPμ PjPμPrPëC‡PSPμ
C†PiPsC†C,PμCḡPμP¶PμPSPSC‡ PjP°C° PIPeP»CḡC‡P°C,Pë C‡P°C†C,PëPNḡ
PjPsPSC-C,PsCḡPëPSPi CḡC-PIPSC‡ PeCḡPμP°C,PëPSC-PSC† C,P° PeP°P»C-Cḡ Cr PiP»P°P·PjC-
PeCḡPsPIC-.

P†Pḡ-PḡP>P†PḡP·P 4 PjPi/1,25 PjPi: PJ CḡP°P·C- PSP°C‡PIPSPsC†C,C- PiPsCḡC†C€PμPSCH
C„C†PSPeC†C-C— PSPëCḡPsPe C,C‡P¶PePsPiPs C†C,C†PiPμPSC‡ (PeP»C-CḡPμPSC†
PeCḡPμP°C,PëPSC-PSC† < 30 PjP»/C...PI) P»C-PeC†PIP°PSPSC‡ PiCḡPμPiP°CḡP°C,PsPj
PiCḡPsC,PëPiPsPeP°P·P°PSPμ. P°P»C‡ PiP°C†C-C°PSC,C-PI C-P· PiPsCḡC†C€PμPSPSC‡PjPë
C„C†PSPeC†C-C— PSPëCḡPsPe PiPsPjC-CḡPSPsPiPs C†C,C†PiPμPSC‡ (PeP»C-CḡPμPSC†
PeCḡPμP°C,PëPSC-PSC† 30-60 PjP»/C...PI) CḡPμPePsPjPμPSPrC†C°C,CHC†C‡

PsC₇PIP°PSC-P·PjC₇ б₇” PīC₇PsPjPēPIP°PSPSC₇ CēP»C₇PSPeP° C, P°/P°P±Ps
P·P°C₇C, PsC₇C₇PIP°PSPSC₇ P°PeC, PēPIPsPIP°PSPsPiPs PIC₇PiC-P»P»C₇, PīC-C₇P»C₇
C†CH₇PsPiPs C₇P»C-Pr PSPsC₇PjP°P»C-P·C₇PIP°C, Pē PIPsPrPSPs-PμP»PμPeC, C₇PsP»C-C, PSPēPN₇
P±P°P»P°PSC₇ PI C₇PjPsPIP°C... C₇C, P°C†C-PsPSP°C₇C₇. PJ C₇P°P·C- PIPēPSPēPePSPμPSPSC₇
P·PSP°C±PSPsC— P°C₇C, PμC₇C-P°P»CH₇PSPsC— PiC-PiPsC, PμPSP·C-C— PīP°C†C-C”PSC, C₇
PīPsC, C₇C-P±PSPs PSP°PrP°C, Pē PiPsC₇PēP·PsPSC, P°P»CH₇PSPsPiPs PīPsP»PsP₇μPSPSC₇ P·
PSPēP·CH₇PePēPj C₇P·PiPsP»C-PIб₇™C₇Pj. PJ C₇P°P·C- PSPμPsP±C...C-PrPSPsC₇C, C- C₇P»C-Pr
PīC₇PsPIPμC₇C, Pē PIPSC₇C, C₇C-CēPSC₇PsPIPμPSPSPμ PIPμPrPμPSPSC₇
C-P·PsC, PsPSC-C±PSPsPiPs C₇PsP·C±PēPSC₇ PSP°C, C₇C-C₇ C...P»PsC₇PēPrC₇ P°P±Ps
P·P°C₇C, PsC₇C₇PIP°C, Pē P±C₇PrCH₇-C₇PePēPN₇ C-PSCēPēPN₇ C₇PiPsC₇C-P±
PIC-PrPSPsPIP»PμPSPSC₇ PsP±б₇™C”PjC₇ PeC₇PsPIC-. PμPμC₇PēPSPrPsPīC₇PēP»P°C,,
P°PeC, PēPIPSP° C,, PsC₇PjP° PīPμC₇PēPSPrPsPīC₇PēP»C₇, PjPsP₇μ P±C₇C, Pē
PIPēPrP°P»PμPSPēPN₇ P· PsC₇PIP°PSC-P·PjC₇ P·P° PrPsPiPsPjPsPiPsC₇ PiPμPjPsPrC-P°P»C-P·C₇
(PrPēPI. C₇PsP·PrC-P» B<PαP°C₇PjP°PePsPeC-PSPμC, PēPeP°B»).

PμPsP±C-C±PSC- C₇PμP°PeC†C-C—.

P—P°C₇C, PsC₇C₇PIP°PSPSC₇ PīPμC₇PēPSPrPsPīC₇PēP»C₇ C-PSPiC-P±C₇C” C₇PμPSC-PS-
P°PSPiC-PsC, PμPSP·PēPS-P°P»CH₇PrPsC₇C, PμC₇PsPSPsPIC₇ C₇PēC₇C, PμPjC₇ C, P°
C₇PiC₇PēC₇C” P·PjPμPSCēPμPSPSC₇ PIC, C₇P°C, Pē PeP°P»C-C₇ C₇ PīP»P°P·PjC- PeC₇PsPIC-,
P·C₇PjPsPIP»PμPSPsC— C-PSPrP°PīP°PjC-PrPsPj. PJ 2-6 % PīP°C†C-C”PSC, C-PI, C₇PeC-
P»C-PeC₇C₇C, CH₇C₇C₇ PīC₇PμPīP°C₇P°C, PsPj PīPμC₇PēPSPrPsPīC₇PēP»/C-PSPrP°PīP°PjC-Pr,
PIPēPSPēPeP°C” PiC-PiPsPeP°P»C-C”PjC-C₇ (C₇C-PIPμPSC₇ PeP°P»C-C₇
< 3,4 PjPjPsP»CH₇/P»). PkP°PN₇C±P°C₇C, C-CēPμ PīPsPIC-PrPsPjP»C₇P»PsC₇C₇ PīC₇Ps
PIPēPSPēPePSPμPSPSC₇ C, P°PePēC... PīPsP±C-C±PSPēC... C₇PμP°PeC†C-PN₇: PīC₇Pē
P·P°C₇C, PsC₇C₇PIP°PSPSC- PīPμC₇PēPSPrPsPīC₇PēP»C₇ б₇” P·P°PīP°PjPsC₇PsC±PμPSPSC₇,
PiPsP»PsPIPSPēPN₇ P±C-P»CH₇, PīP°C₇PμC₇C, PμP·C-C₇, PrPēC₇PiPμPIP·C-C₇,
PīPsC₇C₇CēPμPSPSC₇ P·PsC₇C₇, PIPμC₇C, PēPiPs, PrP·PIC-PS C₇ PIC₇C...P°C...,
P°C₇C, PμC₇C-P°P»CH₇PSP° PiC-PiPsC, PμPSP·C-C₇, PeP°CēPμP»CH₇, P·P°PrPēCēPeP°,
P±C-P»CH₇ PI P°P±PrPsPjC-PSP°P»CH₇PSC-PN₇ PrC-P»C₇PSC†C-, P·P°PīPsC₇,
PrPēC₇PiPμPiC₇C-C₇, PrC-P°C₇PμC₇, PSC₇PrPsC, P°, P±P»CH₇PIP°PSPSC₇, C₇PIPμC₇P±C-P₇,
PIPēC₇PēPīP°PSPSC₇, C₇PiP°P·PjPē Pjб₇™C₇Pj·C-PI C, P° P°C₇C, PμPSC-C₇; PīC₇Pē
P·P°C₇C, PsC₇C₇PIP°PSPSC- C-PSPrP°PīP°PjC-PrC₇ б₇” PiC-PiPsPeP°P»C-C”PjC-C₇,
C₇PμP°PeC†C-C— PiC-PiPμC₇C±C₇C, P»PēPIPsC₇C-, PīPμC₇PμPIP°P₇μPSPs
PrPμC₇PjP°C, PsP»PsPiC-C±PSC-, C₇ PsC₇C-P± P·C- C₇C...PēP»CH₇PSC-C₇C, C₇ PrPs
P°P»PμC₇PiC-C±PSPēC... C, P° P°C₇C, PjP°C, PēC±PSPēC... C₇PμP°PeC†C-PN₇ C, P°
PjP°PeC₇P»PsPīP°PiC₇P»CH₇PsP·PSPēC... PIPēC₇PēPīP°PSC₇.

PμC-Pr C±P°C₇ PīC₇PsPIPμPrPμPSPSC₇ PeP»C-PSC-C±PSPēC... PrPsC₇P»C-PrP₇μPSC₇
C, P°/P°P±Ps PiC-C₇P»C₇C₇PμC”C₇C, C₇P°C†C-PN₇PSPsPiPs P·P°C₇C, PsC₇C₇PIP°PSPSC₇
PīC₇PμPīP°C₇P°C, C₇ C₇PiPsC₇C, PμC₇C-PiP°P»PēC₇C₇ P·P°P·PSP°C±PμPSC- PSPēP₇μC±Pμ
PīPsP±C-C±PSC- C₇PμP°PeC†C-C—, C₇PeC- P·P° C±P°C₇C, PsC, PsC₇ C₇PsP·PīPsPrC-P»PμPSC-
C, P°PePēPj C±PēPSPsPj: PrC₇P₇μ C±P°C₇C, Ps (≥ 1/10), C±P°C₇C, Ps (PIC-Pr ≥ 1/100 PrPs < 1/10),
PSPμC±P°C₇C, Ps (PIC-Pr ≥ 1/1000 PrPs < 1/100), C₇C-PrPePs (PIC-Pr ≥ 1/10000 PrPs < 1/1000),
PrC₇P₇μ C₇C-PrPePs (< 1/10000), C±P°C₇C, PsC, P° PSPμPIC-PrPsPjP° (PSPμ PjPsP₇μPSP°
PIPēP·PSP°C±PēC, Pē P·P° PSP°C₇PIPSPēPjPē PrP°PSPēPjPē).

P†PSC,, PμPeC†C-C— C, P° C-PSPIP°P·C-C—: C₇PēPSC-C, (PrC₇P₇μ
C₇C-PrPePs б₇” PīPμC₇PēPSPrPsPīC₇PēP»).

P— P±PsPeC₇ PμPSPrPsPeC₇PēPSPSPsC— C₇PēC₇C, PμPjPē: C₇PēPSPrC₇PsPj
PSPμP°PrPμPePIP°C, PSPsC— C₇PμPeC₇PμC†C-C— P°PSC, PēPrC-C₇C₇PμC, PēC±PSPēC...

PiPsCḡPjPsPSC-PI (PŸPḡPŸPḡP" P") (CḡC-PrPePs ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»).

P— P±PsPeCḡ CḡPēCḡC,PμPjPē PeCḡPsPIC- C,P° P»C-PjC,,P°C,PēC±PSPsC—
CḡPēCḡC,PμPjPē: PμPsP·PēPSPsC,,C-P»C-Cḡ (PSPμC±P°CḡC,Ps* ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»);
P°PīCḡP°PSCḡP»PsC±PēC,PsP· (PrPēPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PēPIPsCḡC,C-
P·P°CḡC,PsCḡCḡPIP°PSPSCḡB») (PrCḡPḡPμ CḡC-PrPePs ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP» C,P°
C-PSPrP°PīP°PjC-Pr); P°PīP»P°CḡC,PēC±PSP° P°PSPμPjC-Cḡ (PrCḡPḡPμ
CḡC-PrPePs ḡḡ" C-PSPrP°PīP°PjC-Pr); PīP°PSC±PēC,PsPīPμPSC-Cḡ (PrCḡPḡPμ
CḡC-PrPePs ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»); P»PμPNḡPePsPīPμPSC-Cḡ (PrCḡPḡPμ
CḡC-PrPePs ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP» C,P° C-PSPrP°PīP°PjC-Pr);
PSPμPNḡC,CḡPsPīPμPSC-Cḡ (PrPēPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PēPIPsCḡC,C-
P·P°CḡC,PsCḡCḡPIP°PSPSCḡB») (PrCḡPḡPμ CḡC-PrPePs ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»);
PīPμPjPsP»C-C,PēC±PSP° P°PSPμPjC-Cḡ (PrCḡPḡPμ CḡC-PrPePs ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»
C,P° C-PSPrP°PīP°PjC-Pr); C,CḡPsPjP±PsC±PēC,PsPīPμPSC-Cḡ (PrPēPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB») (PrCḡPḡPμ
CḡC-PrPePs ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP» C,P° C-PSPrP°PīP°PjC-Pr).

P— P±PsPeCḡ C-PjCḡPSPSPsC— CḡPēCḡC,PμPjPē: PiC-PīPμCḡC±CḡC,P»PēPIC-CḡC,CH
(PīPsP»PsPIPSPēPj C±PēPSPsPj PrPμCḡPjP°C,PsP»PsPiC-C±PSC- CḡPμP°PeC±C-C— Cḡ
PīP°C±C-C" PSC,C-PI, CḡC...PēP»CHPSPēC... PrPs CḡPsP·PIPēC,PeCḡ P°P»PμCḡPiC-C±PSPēC...
C,P° P°CḡC,PjP°C,PēC±PSPēC... CḡPμP°PeC±C-PNḡ) (C±P°CḡC,Ps ḡḡ" C-PSPrP°PīP°PjC-Pr).

P— P±PsPeCḡ PsP±PjC-PSCḡ CḡPμC±PsPIPēPS C-
PjPμC,P°P±PsP»C-P·PjCḡ: PiC-PīPsPeP°P»C-C" PjC-Cḡ (PrPēPI.
CḡPsP·PrC-P» B«PhCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB») (C±P°CḡC,Ps ḡḡ" C-PSPrP°PīP°PjC-Pr); PiC-PīPsPiP»C-PePμPjC-Cḡ (PrPēPI. CḡPsP·PrC-P»Pē
B«PhCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB» C- B«P·P·P°C" PjPsPrC-Cḡ P·
C-PSCēPēPjPē P»C-PeP°CḡCḡCHPePēPjPē P·P°CḡPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē
PIP·P°C" PjPsPrC-PNḡB») (PSPμC±P°CḡC,Ps* ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»);
PiC-PīPμCḡPeP°P»C-C" PjC-Cḡ, PsP±PsCḡPsC,PSP° PīCḡPē PIC-PrPjC-PSC- PīCḡPμPīP°CḡP°C,Cḡ
(PrPēPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB») (PSPμC±P°CḡC,Ps* ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»);
PiC-PīPsPSP°C,CḡC-C" PjC-Cḡ (PrPēPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB») (PSPμC±P°CḡC,Ps* ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»);
PSPμC±P°CḡC,Ps ḡḡ" C-PSPrP°PīP°PjC-Pr);
PiC-PīPsC...P»PsCḡPμPjC-Cḡ (CḡC-PrPePs ḡḡ" C-PSPrP°PīP°PjC-Pr);
PiC-PīPsPjP°PiPSC-C" PjC-Cḡ (CḡC-PrPePs ḡḡ" C-PSPrP°PīP°PjC-Pr);
PiC-PīPμCḡPeP°P»CHC±C-C" PjC-Cḡ (PrCḡPḡPμ CḡC-PrPePs ḡḡ" C-PSPrP°PīP°PjC-Pr).

P— P±PsPeCḡ PīCḡPēC...C-PePē: P·PjC-PSPē PSP°CḡC,CḡPsCḡ
(PSPμC±P°CḡC,Ps ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»); PīPsCḡCḡCēPμPSPSCḡ CḡPSCḡ
(PSPμC±P°CḡC,Ps ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»); PrPμPīCḡPμCḡC-Cḡ (PSPμC±P°CḡC,Ps* ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»);
CḡPīP»CḡC,P°PSC-CḡC,CH CḡPIC-PrPsPjPsCḡC,C- (PrCḡPḡPμ
CḡC-PrPePs ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»).

P— P±PsPeCḡ PSPμCḡPIPsPIPsC— CḡPēCḡC,PμPjPē: P·P°PīP°PjPsCḡPsC±PμPSPSCḡ
(C±P°CḡC,Ps ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»); PīPsP»PsPIPSPēPNḡ P±C-P»CH
(C±P°CḡC,Ps ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP», CḡC-PrPePs ḡḡ" C-PSPrP°PīP°PjC-Pr);
PīP°CḡPμCḡC,PμP·C-Cḡ (C±P°CḡC,Ps ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»,
CḡC-PrPePs ḡḡ" C-PSPrP°PīP°PjC-Pr); PrPēCḡPiPμPIP·C-Cḡ
(C±P°CḡC,Ps ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»); CḡPsPSP»PēPIC-CḡC,CH
(PSPμC±P°CḡC,Ps* ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP»); PSPμPīCḡPēC,PsPjPSC-CḡC,CH
(PSPμC±P°CḡC,Ps* ḡḡ" PīPμCḡPēPSPrPsPīCḡPēP», C±P°CḡC,PsC,P°

PSPμPIC-PrPsPjP° бґ” C-PSPrP°PiP°PjC-Pr); PIPSP°CfP»C-PrPsPe PSP°PrPjC-CHPSPsC—
P°CHC,PμCHC-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C— Cr PiP°C†C-C”PSC,C-PI PiCHCfPiPë
PIPëCfPsPePsPiPs CHPëP·PëPeCr PjPsP¶P»PëPIPμ PIPëPSPëPePSPμPSPSC¶ C-PSCfCfP»CHC,Cf
(PrPëPI. CHPsP·PrC-P» B«PhCfPsP±P»PëIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B») (PrCfP¶Pμ
CHC-PrPePs - PiPμCHPëPSPPrPsPiCHPëP»); Cr CHP°P·C- PiPμC†C-PSPePsPIPsC—
PSPμPrPsCfC,P°C,PSPsCfC,C- PjPsP¶P»PëPIPμ PIPëPSPëPePSPμPSPSC¶ PiPμC†C-PSPePsPIPsC—
PμPSC†PμC,,P°P»PsPiP°C,C-C— (PrPëPI. CHPsP·PrC-P»Pë B«PμCHPsC,PëPiPsPeP°P·P°PSPSC¶B»
C,P° B«PhCfPsP±P»PëIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B») (C†P°CfC,PsC,P°
PSPμPIC-PrPsPjP° бґ” C-PSPrP°PiP°PjC-Pr).

P— P±PsPeCr PsCHPiP°PSC-PI P·PsCHCfC: PiPsCHCfC€PμPSPSC¶ P·PsCHCfC
(C†P°CfC,Ps бґ” PiPμCHPëPSPPrPsPiCHPëP», C†P°CfC,PsC,P°
PSPμPIC-PrPsPjP° бґ” C-PSPrP°PiP°PjC-Pr); PjC-PsPiC-¶ (PrPëPI. CHPsP·PrC-P»
B«PhCfPsP±P»PëIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B») (C†P°CfC,PsC,P°
PSPμPIC-PrPsPjP° бґ” C-PSPrP°PiP°PjC-Pr); PSPμC†C-C,PeC-CfC,CH P·PsCHCfC (C†P°CfC,PsC,P°
PSPμPIC-PrPsPjP° бґ” C-PSPrP°PiP°PjC-Pr), C...PsCHC-PsC—PrP°P»CHPSPëP№ PIPëPiC-C,
(C†P°CfC,PsC,P° PSPμPIC-PrPsPjP° бґ” C-PSPrP°PiP°PjC-Pr); PiPsCfC,CHP°
P·P°PeCHPëC,PsPeCrC,PsPIP° PiP»P°CfPePsPjP° (C†P°CfC,PsC,P° PSPμPIC-PrPsPjP° бґ”
C-PSPrP°PiP°PjC-Pr).

P— P±PsPeCr PsCHPiP°PSC-PI CfP»CfC...Cf C,P° PIPμCfC,PëP±CfP»¶CHPSPsPiPs
P°PiP°CHP°C,Cf: PIPμCHC,PëPiPs (C†P°CfC,Ps бґ” PiPμCHPëPSPPrPsPiCHPëP»,
CHC-PrPePs бґ” C-PSPrP°PiP°PjC-Pr); PrP·PIC-PS Cr PICfC...P°C...
(C†P°CfC,Ps бґ” PiPμCHPëPSPPrPsPiCHPëP»).

P— P±PsPeCr CfPμCHC†C¶: PiP°P»CHPiC-C,P°C†C-C— (PSPμC†P°CfC,Ps* -
PiPμCHPëPSPPrPsPiCHPëP»); C,P°C...C-PeP°CHPrC-¶
(PSPμC†P°CfC,Ps* бґ” PiPμCHPëPSPPrPsPiCHPëP»); CfC,PμPSPsPeP°CHPrC-¶ (PrPëPI.
CHPsP·PrC-P» B«PhCfPsP±P»PëIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B») (PrCfP¶Pμ
CHC-PrPePs бґ” PiPμCHPëPSPPrPsPiCHPëP»); P°CHPëC,PjC-¶ (Cr C,PsPjCf C†PëCfP»C-
P±CHP°PrPëPeP°CHPrC-¶, C€P»CfPSPsC†PePsPIP° C,P°C...C-PeP°CHPrC-¶,
C,,C-P±CHPëP»¶C†C-¶ PiPμCHPμPrCfPμCHPrCH) (PrCfP¶Pμ
CHC-PrPePs бґ” PiPμCHPëPSPPrPsPiCHPëP» C,P° C-PSPrP°PiP°PjC-Pr); PIPSP°CfP»C-PrPsPe
PSP°PrPjC-CHPSPsC— P°CHC,PμCHC-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C— Cr
PiP°C†C-C”PSC,C-PI PiCHCfPiPë PIPëCfPsPePsPiPs CHPëP·PëPeCr PjPsP¶P»PëPIPμ
PIPëPSPëPePSPμPSPSC¶ C-PSC,,P°CHPeC,Cf PjC-PsPeP°CHPrP° (PrPëPI. CHPsP·PrC-P»
B«PhCfPsP±P»PëIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B») (PrCfP¶Pμ
CHC-PrPePs бґ” PiPμCHPëPSPPrPsPiCHPëP»); PiP°CHPsPeCfPëP·PjP°P»CHPSP°
C€P»CfPSPsC†PePsPIP° C,P°C...C-PeP°CHPrC-¶ C,PëPiCf B«PiC-CHCfPμC,B»
(PiPsC,PμPSC†C-P№PSPs P»PμC,P°P»CHPSP°) (PrPëPI. CHPsP·PrC-P»Pë
B«PhCfPsP±P»PëIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B» C- B«P·P·P°C”PjPsPrC-¶ P·
C-PSC€PëPjPë P»C-PeP°CHCfCHPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C”PjPsPrC-P№B») (C†P°CfC,PsC,P° PSPμPIC-PrPsPjP° бґ” C-PSPrP°PiP°PjC-Pr).

P— P±PsPeCr CfCfPrPëPS: P°CHC,PμCHC-P°P»CHPSP° PiC-PiPsC,PμPSP·C-¶ (C-
PiCHPsC¶PIPë, PiPsPiбґ™ C¶P·P°PSC- P· PiC-PiPsC,PμPSP·C-C”CH) (PrPëPI. CHPsP·PrC-P»
B«PhCfPsP±P»PëIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B») (C†P°CfC,Ps бґ” PiPμCHPëPSPPrPsPiCHPëP», PrCfP¶Pμ CHC-PrPePs бґ” C-PSPrP°PiP°PjC-Pr);
PIP°CfPeCfP»C-C, (PSPμC†P°CfC,Ps* бґ” PiPμCHPëPSPPrPsPiCHPëP»); PiCHPëPiP»PëPIPë
P¶P°CHCf (CHC-PrPePs* бґ” PiPμCHPëPSPPrPsPiCHPëP»); C,,PμPSPsPjPμPS
P PμP№PSPs (C†P°CfC,PsC,P° PSPμPIC-PrPsPjP° бґ” PiPμCHPëPSPPrPsPiCHPëP»).

P— P±PsPeCf PrPëC...P°P»CHbPSPsC— CÍPëCÍC,PµPjPë, PsCjPiP°PSC-PI PiCjCfPrPSPsC—
PeP»C-C,PePë C,P° CÍPµCjPµPrPsCÍC,C-PSPSCÍ: PeP°C€PµP»CH (PrPëPI. CjPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCfPIP°PSPSCÍB»)
(C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»); P·P°PrPëC€PeP°
(C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»); P±CjPsPSC...PsCÍPiP°P·Pj
(PSPµC±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»); PµPsP·PëPSPsC,,C-P»CHbPSP°
PiPSPµPIPjPsPSC-CÍ (PrCfP¶Pµ CjC-PrPePs бґ” PiPµCjPëPSPPrPsPiCjPëP»).

P— P±PsPeCf C€P»CfPSPePsPIPs-PePëC€PePsPIPsPiPs C,CjP°PeC,Cf: P±C-P»CH PI
P°P±PrPsPjC-PSP°P»CHbPSC-PM PrC-P»CÍPSC†C- (C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»);
P·P°PiPsCj (C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP», CjC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr);
PrC-P°CjPµCÍ (C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»); PrPëCÍPiPµPiCÍC-CÍ
(C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»); PSCfPrPsC,P°
(C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP», CjC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr);
P±P»CHbPIP°PSPSCÍ (C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»,
PSPµC±P°CÍC,Ps бґ” C-PSPPrP°PiP°PjC-Pr); CÍCfC...C-CÍC,CH CÍ CjPsC,C-
(PSPµC±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP», CjC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr);
PiP°PSPeCjPµP°C,PëC, (PrCfP¶Pµ CjC-PrPePs бґ” PiPµCjPëPSPPrPsPiCjPëP» C,P°
C-PSPPrP°PiP°PjC-Pr).

P— P±PsPeCf PiPµPiP°C,PsP±C-P»C-P°CjPSPsC— CÍPëCÍC,PµPjPë: PiPµPiP°C,PëC, (PrPëPI.
CjPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCfPIP°PSPSCÍB») (PrCfP¶Pµ
CjC-PrPePs бґ” PiPµCjPëPSPPrPsPiCjPëP», C±P°CÍC,PsC,P°
PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr); PiPsCjCfC€PµPSPSCÍ C,,CfPSPeC†C-C—
PiPµC±C-PSPePë (PrCfP¶Pµ CjC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr).

P— P±PsPeCf C€PeC-CjPë C,P° PiC-PrC€PeC-CjPSPsC—
PeP»C-C,PePsPIPëPSPë: CÍPIPµCjP±C-P¶ (C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»);
PIPëCÍPëPiP°PSPSCÍ (C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»);
PjP°PeCfP»PsPiP°PiCfP»CHbPsP·PSC- PIPëCÍPëPiP°PSPSCÍ
(C±P°CÍC,Ps бґ” C-PSPPrP°PiP°PjC-Pr); PeCjPsPiPëPIбґ™ CÍPSPeP° (PrPëPI. CjPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCfPIP°PSPSCÍB»)
(PSPµC±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP», PrCfP¶Pµ
CjC-PrPePs бґ” бґ” C-PSPPrP°PiP°PjC-Pr); P°PSPiC-PsPSPµPICjPsC,PëC±PSPëPNë
PSP°P±CjCÍPe (PrPëPI. CjPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCfPIP°PSPSCÍB») (PSPµC±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP», PrCfP¶Pµ
CjC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr); PiCfCjPiCfCjP°
(PSPµC±P°CÍC,Ps бґ” C-PSPPrP°PiP°PjC-Pr); PiC-PiPµCjPiC-PrCjPsP·
(PSPµC±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»); CjPµP°PeC†C-C—
C,,PsC,PsC†CfC,P»PëPIPsCÍC,C- (PSPµC±P°CÍC,Ps* бґ” PiPµCjPëPSPPrPsPiCjPëP»,
C±P°CÍC,PsC,P° PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr); PiPµPjC,,C-PiPsC—Pr
(PSPµC±P°CÍC,Ps* бґ” PiPµCjPëPSPPrPsPiCjPëP»); PiPsCÍPëP»PµPSPSCÍ CÍPëPjPiC,PsPjC-PI
PiCÍPsCjC-P°P·Cf (CjC-PrPePs* бґ” PiPµCjPëPSPPrPsPiCjPëP»); PjCfP»CHbC,PëC,,PsCjPjPSP°
PµCjPëC,PµPjP° (PrCfP¶Pµ CjC-PrPePs бґ” PiPµCjPëPSPPrPsPiCjPëP»); C,PsPeCÍPëC±PSPëPNë
PµPiC-PrPµCjPjP°P»CHbPSPëPNë PSPµPeCjPsP»C-P· (PrCfP¶Pµ
CjC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr); CÍPëPSPPrCjPsPj PґC,C-PIPµPSCÍP°-P”P¶PsPSCÍPsPSP°
(PrCfP¶Pµ CjC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr).

P— P±PsPeCf PsPiPsCjPSPs-CjCfC...PsPIPsC— CÍPëCÍC,PµPjPë C,P° CÍPiPsP»CfC±PSPsC—
C,PeP°PSPëPSPë: CÍPiP°P·PjPë Pjбґ™ CÍP·C-PI (C±P°CÍC,Ps бґ” PiPµCjPëPSPPrPsPiCjPëP»,
C±P°CÍC,PsC,P° PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr); PjPsP¶P»PëPIPµ

$\overline{P_i P_s P_i C} - C \overline{H} C \overline{P_{\mu} P S P S C} \overline{C} - C \overline{P S C} \overline{P} C \overline{H} C \overline{P_s P_i P_s} \overline{P_i P_s C} \overline{P} C, C \overline{H} P_s P_i P_s \overline{C} \overline{P} \overline{P} C \overline{P} C, P_{\mu} P_j P S P_s P_i P_s$
 $C \overline{P} P_{\mu} C \overline{H} P_i P_s P S P_s P_i P_s \overline{P_i P_s P_i C} \overline{P} P^{\circ} P_e P^{\circ} (C \overline{P} P^{\circ} C \overline{P} C, P_s C, P^{\circ}$
 $P S P_{\mu} P_i C - P_r P_s P_j P^{\circ} \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r); P^{\circ} C \overline{H} C, C \overline{H} P^{\circ} P \gg P_i C - C \overline{C}$
 $(P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P_j C - P^{\circ} P \gg P_i C - C \overline{C}$
 $(P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg, C \overline{P} C \overline{P} C, P_s C, P^{\circ} P S P_{\mu} P_i C - P_r P_s P_j P^{\circ} \text{ в } \overline{H} \text{ }$
 $C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r); P_j \text{ в } \overline{H} \text{ } C \overline{C} P \cdot P_s P_i P^{\circ} C \overline{P} P \gg P^{\circ} P \pm P_e C - C \overline{P} C, C \overline{H} (C \overline{P} C \overline{P} C, P_s C, P^{\circ}$
 $P S P_{\mu} P_i C - P_r P_s P_j P^{\circ} \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r); C \overline{H} P^{\circ} P \pm P_r P_s P_j C - P_s P \gg C - P \cdot (C \overline{P} C \overline{P} C, P_s C, P^{\circ}$
 $P S P_{\mu} P_i C - P_r P_s P_j P^{\circ} \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r).$

$P - P \pm P_s P_e C \overline{P} C \overline{P} P_{\mu} C \overline{P} P_i P_e P_r C - P \gg C \overline{H} P S P_s C - C \overline{P} \overline{P} C \overline{P} C, P_{\mu} P_j P_e:$ $P S P_e C \overline{H} P_e P_s P_i P^{\circ}$
 $P S P_{\mu} P_r P_s C \overline{P} C, P^{\circ} C, P S C - C \overline{P} C, C \overline{H} (P S P_{\mu} C \overline{P} C \overline{P} C, P_s \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg, P_r C \overline{P} P \overline{P}_{\mu}$
 $C \overline{H} C - P_r P_e P_s \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r); P_i P_s C \overline{P} C, C \overline{H} P^{\circ} P S P_e C \overline{H} P_e P_s P_i P^{\circ}$
 $P S P_{\mu} P_r P_s C \overline{P} C, P^{\circ} C, P S C - C \overline{P} C, C \overline{H} (C \overline{H} C - P_r P_e P_s \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg);$
 $P^{\circ} P S C \overline{P} C \overline{H} C - C \overline{C} / P_s P \gg C - P_i C \overline{P} C \overline{H} C - C \overline{C} (C \overline{H} C - P_r P_e P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg).$

$P - P \pm P_s P_e C \overline{P} C \overline{H} P_{\mu} P_i C \overline{H} P_s P_r C \overline{P} P_e C, P_e P_i P S P_s C - C \overline{P} \overline{P} C \overline{P} C, P_{\mu} P_j P_e C, P^{\circ} P_j P_s P \gg P_s C \overline{P} S P_e C \dots$
 $P \cdot P^{\circ} P \gg P_s P:$ $P_{\mu} C \overline{H} P_{\mu} P_e C, P_e P \gg C \overline{H} P S P^{\circ} P_r P_e C \overline{P} C, C \overline{P} S P_e C \overline{P} C - C \overline{C}$
 $(P S P_{\mu} C \overline{P} C \overline{P} C, P_s \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg C, P^{\circ} C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r).$

$P - P^{\circ} P_i P^{\circ} P \gg C \overline{H} P S C - C \overline{H} P_s P \cdot P \gg P^{\circ} P_r P_e C, P^{\circ} C \overline{H} P_{\mu} P^{\circ} P_e C \overline{P} C - C - C \overline{P} P_j C - C \overline{P} C \overline{P} C -$
 $P_i P_i P_{\mu} P_r P_{\mu} P S P S C \overline{C}:$ $P^{\circ} C \overline{P} C, P_{\mu} P S C - C \overline{C} (C \overline{P} C \overline{P} C, P_s \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P \pm C - P \gg C \overline{H}$
 $C \overline{P} P_i C \overline{P} C \overline{P} C \overline{C} \dots (P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P S P_{\mu} P \cdot P_r C \overline{P} P \overline{P}^{\circ} P S P S C \overline{C}$
 $(P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P_i P_{\mu} C \overline{H} P_e C, P_{\mu} C \overline{H} P_e C \overline{P} S P_e P_{\mu}$
 $P S P^{\circ} P \pm C \overline{H} C \overline{C} P_e (P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P_i C - C \overline{H} P_{\mu} P_e C \overline{P} C - C \overline{C}$
 $(P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P_i C, P_s P_j P^{\circ}$
 $(C \overline{H} C - P_r P_e P_s \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r).$

$P P_{\mu} P \cdot C \overline{P} P \gg C \overline{H} C, P^{\circ} C, P_e P \gg P^{\circ} P \pm P_s C \overline{H} P^{\circ} C, P_s C \overline{H} P S P_e C \dots$
 $P_r P_s C \overline{P} P \gg C - P_r P \overline{P}_{\mu} P S C \overline{H}:$ $P_i C - P_r P_i P_e C \% P_{\mu} P S P S C \overline{C} C \overline{H} C - P_i P S C \overline{C} C \overline{P} P_{\mu} C \overline{P} P_i P_e P S P_e P_i$
 $P_e C \overline{H} P_s P_i C - (P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P_i C - P_r P_i P_e C \% P_{\mu} P S P S C \overline{C}$
 $C \overline{H} C - P_i P S C \overline{C} P_e C \overline{H} P_{\mu} P^{\circ} C, P_e P S C - P S C \overline{P} P_i P_e C \overline{H} P_s P_i C -$
 $(P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P_i C - P_r P_i P_e C \% P_{\mu} P S P S C \overline{C} C \overline{H} C - P_i P S C \overline{C}$
 $P \pm C - P \gg C - C \overline{H} C \overline{P} P \pm C - P S C \overline{P} P_i P_e C \overline{H} P_s P_i C - (C \overline{H} C - P_r P_e P_s \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg);$
 $P_i C - P_r P_i P_e C \% P_{\mu} P S P S C \overline{C} C \overline{H} C - P_i P S C \overline{C} P_i P_{\mu} C \overline{P} C - P S P_e P_s P_i P_e C \dots C, P_{\mu} C \overline{H} P_j P_{\mu} P S C, C - P_i$
 $(C \overline{H} C - P_r P_e P_s \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg, C \overline{P} C \overline{P} C, P_s C, P^{\circ}$
 $P S P_{\mu} P_i C - P_r P_s P_j P^{\circ} \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r); P \cdot P S P_e P \overline{P}_{\mu} P S P S C \overline{C} C \overline{H} C - P_i P S C \overline{C}$
 $P_i P_{\mu} P_j P_s P_i P \gg P_s P \pm C - P S C \overline{P} C, P^{\circ} P_i P_{\mu} P_j P^{\circ} C, P_s P_e C \overline{H} P_e C, C \overline{P} (P_r P_e P_i. C \overline{H} P_s P \cdot P_r C - P \gg$
 $B \ll P_h C \overline{P} P_s P \pm P \gg P_e P_i P_s C \overline{P} C, C - P \cdot P^{\circ} C \overline{P} C, P_s C \overline{P} C \overline{P} P_i P^{\circ} P S P S C \overline{C} B \gg) (P_r C \overline{P} P \overline{P}_{\mu}$
 $C \overline{H} C - P_r P_e P_s \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg); P_i C - P_r P_i P_e C \% P_{\mu} P S P S C \overline{C} C \overline{H} C - P_i P S C \overline{C}$
 $P_i P \gg C \overline{H} P_e P_s P \cdot P_e P_i P_e C \overline{H} P_s P_i C - (C \overline{P} C \overline{P} C, P_s C, P^{\circ} P S P_{\mu} P_i C - P_r P_s P_j P^{\circ} \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r);$
 $P_i C - P_r P_i P_e C \% P_{\mu} P S P S C \overline{C} C \overline{H} C - P_i P S C \overline{C} C \overline{P}_{\mu} C \overline{P} P_i P_s P_i C - P_e P_e C \overline{P} P \gg P_s C, P_e P_i P_e C \overline{H} P_s P_i C -$
 $(C \overline{P} C \overline{P} C, P_s C, P^{\circ} P S P_{\mu} P_i C - P_r P_s P_j P^{\circ} \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r); P_i P_s P_r P_s P_i P \overline{P}_{\mu} P S P S C \overline{C}$
 $C - P S C, P_{\mu} C \overline{H} P_i P^{\circ} P \gg C \overline{P} Q T P S P^{\circ} P \cdot P_{\mu} P \text{ } (P_r P_e P_i. C \overline{H} P_s P \cdot P_r C - P \gg P_e B \ll P_h C \overline{P} P_s P \pm P \gg P_e P_i P_s C \overline{P} C, C -$
 $P \cdot P^{\circ} C \overline{P} C, P_s C \overline{P} C \overline{P} P_i P^{\circ} P S P S C \overline{C} B \gg C - B \ll P \cdot P \cdot P^{\circ} C \text{ } P_j P_s P_r C - C \overline{C} P \cdot C - P S C \overline{P} P_e P_j P_e$
 $P \gg C - P_e P^{\circ} C \overline{H} C \overline{P} P_e P_e P_j P_e P \cdot P^{\circ} C \overline{P} P_s P \pm P^{\circ} P_j P_e C, P^{\circ} C - P S C \overline{P} C - P_i P_e P_r P_e P_i P \cdot P^{\circ} C \text{ } P_j P_s P_r C - P_{\mu} B \gg)$
 $(C \overline{P} C \overline{P} C, P_s C, P^{\circ} P S P_{\mu} P_i C - P_r P_s P_j P^{\circ} \text{ в } \overline{H} \text{ } C - P S P_r P^{\circ} P_i P^{\circ} P_j C - P_r).$

$P_j C \overline{P} P_e P_s P_r P \overline{P}_{\mu} P S P S C \overline{C}, P_s C, C \overline{H} C \overline{P} C \text{ } P S P S C \overline{C} C, P^{\circ} C \overline{P} C \overline{P} P_e P \gg P^{\circ} P_r P S P_{\mu} P S P S C \overline{C} P_i C \overline{H} P_e$
 $P_i C \overline{H} P_s P_i P_{\mu} P_r P_{\mu} P S P S C - P_i C \overline{H} P_s C \overline{P}_{\mu} P_r C \overline{P} C \overline{H}:$ $P_i P^{\circ} P_r C - P S P S C \overline{C}$
 $(P S P_{\mu} C \overline{P} C \overline{P} C, P_s^* \text{ в } \overline{H} \text{ } P_i P_{\mu} C \overline{H} P_e P S P_r P_s P_i C \overline{H} P_e P \gg).$

* $P S P^{\circ} C \overline{P} C, P_s C, P^{\circ} P_i C \overline{H} P_s C \overline{C} P_i C - P_i P_i P_s P \pm C - C \overline{P} S P_e C \dots C \overline{H} P_{\mu} P^{\circ} P_e C \overline{P} C - P_{\mu}, P_i P_e C \overline{C} P_i P \gg P_{\mu} P S P_e C \dots$

Р·Р° РrPsPіPsPjPsPiPsCґ CґPіPsPSC,Р°PSPSPёC... PіPsPIC-РrPsPjP»РµPSCґ,
CґPsP·CґP°C...PsPIP°PSP° Р·Р° РrР°PSPёPjPё РёP»C-PSC-CґPSPёC... РrPsCґP»C-РrP¶PµPSCґ.

Р—PIC-C, PіCґPs PіC-РrPsP·CґCґPIP°PSC- PіPsP±C-CґPSC- CґPµP°PёCґC-C—

РµPsPIC-РrPsPjP»РµPSPSC¶ PіCґPs PіPsP±C-CґPSC- CґPµP°PёCґC-C— PіC-CґP»C¶
CґPµC”CґC,CґP°CґC-C— P»C-РёP°CґCґCґPёPsPiPs Р·Р°CґPsP±Cґ PjP°C” PIP°P¶P»PёPIPµ
Р·PSP°CґPµPSPSC¶. PіPµ РrР°C” Р·PjPsPiCґ PіCґPsPiPsPґPёC,Pё PjPsPSC-C,PсCґPёPSPI
CґPіC-PIPIC-РrPSPсCёPµPSPSC¶ РёPsCґPёCґC,Cґ/CґPёP·PёPё PіCґPё
Р·Р°CґC,PсCґCґPIP°PSPSC- CґCґPsPiPs Р»C-РёP°CґCґCґPёPsPiPs Р·Р°CґPsP±Cґ.
РґPµPґPёCґPSPёPj C,Р° C,,Р°CґPjP°CґPµPIC,PёCґPSPёPj PіCґP°CґC-PIPSPёPёP°Pj, Р°
C,Р°PёPsP¶ PіP°CґC-C”PSC,Р°Pj Р°P±Ps C—C... Р·Р°PёPsPSPSPёPj PіCґPµPґCґC,Р°PIPSPёPёP°Pj
CґP»C-Рr PіPsPIC-РrPsPjP»C¶C,Pё PіCґPs CґCґC- PIPёPіP°PґPёPё PіC-РrPsP·CґCґPIP°PSPёC...
PіPsP±C-CґPSPёC... CґPµP°PёCґC-PNё C,Р° PIC-РrCґCґC,PSPсCґC,C-
PµC,,PµPёC,PёPIPSсCґC,C- Р»C-РёP°CґCґCґPёPsPiPs Р·Р°CґPsP±Cґ CґPµCґPµP·
PґPIC,PсPjP°C,PёP·PsPIP°PSCґ C-PSC,,PsCґPjP°CґC-PNёPSCґ CґPёCґC,PµPjCґ Р·
C,,Р°CґPjP°PёPsPSP°PіP»C¶PґCґ Р·Р° PіPsCґPёP»Р°PSPSC¶Pj: <https://aisf.dec.gov.ua>

РґPµCґPjC-PS PіCґPёPґP°C,PSPсCґC,C-.

2 CґPsPёPё.

РjPjPsPIPё Р·Р±PµCґC-PіP°PSPSC¶.

Р—Р±PµCґC-PіP°C,Pё PіCґPё C,PµPjPіPµCґP°C,CґCґC- PSPµ PIPёC%Pµ 30 B°C PI
PsCґPёPіC-PSP°P»CґPSC-PNё CґPіP°PёPsPICґC-.

Р—Р±PµCґC-PіP°C,Pё Cґ PSPµPґPsCґC,CґPіPSPсPjCґ PґP»C¶ PґC-C,PµPNё PjC-CґCґC-.

РjPіP°PёPsPIPёP°.

РµPs 30 C,Р°P±P»PµC,PсPё (10 × 3) Cґ Р±P»C-CґC,PµCґC- Cґ PіP°CґCґC- Р· PёP°CґC,PсPSCґ.

РґP°C,PµPiPsCґC-C¶ PIC-РrPіCґCґPёCґ.

Р—Р° CґPµCґPµPіC,PсPj.

Р’PёCґPsP±PSPёPё.

РґPґP’ РќP’Pґ В«РґPґPґP РґPґPґP» (PIC-РrPіPsPIC-РrР°P»CґPSPёPNё Р·Р° PIPёPіCґCґPё
CґPµCґC-C—, PSPµ PIPёP»CґCґP°CґCґPё РёPsPSC,CґPsP»CґPіPіCґPsP±CґPIP°PSPSC¶
CґPµCґC-C—).

РґPґ В«PґPґP РґPґPґP» (PIC-РrPіPsPIC-РrР°P»CґPSPёPNё Р·Р° PIPёCґPsP±PSPёCґC,PIPs C,Р°
PёPsPSC,CґPsP»CґPіPіCґPsP±CґPIP°PSPSC¶ CґPµCґC-C—, PSPµ PIPёP»CґCґP°CґCґPё
PIPёPіCґCґPё CґPµCґC-C—).

**РґC-CґCґPµP·PSP°C...PsPґP¶PµPSPSC¶ PIPёCґPsP±PSPёPёP° C,Р° PNёPsPiPs
Р°PґCґPµCґP° PjC-CґCґC¶ PіCґPsPIP°PґP¶PµPSPSC¶ PґC-C¶P»CґPSPсCґC,C-.**

РjPёCґP°C—PSP°, 01013, Pj. РґPёC—PI, PICґP». PґCґPґC-PSPґCґCґC,CґC-C—, P±CґPґ. 5.

РjPёCґP°C—PSP°, 04080, Pj. РґPёC—PI, PICґP». РґPёCґPёP»C-PICґCґPёP°, 74

Р—Р°CЦІРІРSPëРє.

РŷРћР' РќР'Рѡ В«РћР†РљР РћРІР†РћВ».

РћС-СІС†РµР•РSP°С...РsРrР¶РµРSPSCЦ Р•Р°CЦІРІРSPëРєР°.

РЈРєСЃР°С—РSP°, 01013, Рј. РљРёС—РІ, РІСІР». Р'СІРrС-РSPrСІСІС,СЃС—С, Р±СІРr. 5.

РцРsРІС-РrРsРјРёС,Рё РіСЃРs РSPµР±Р°Р¶Р°РSPµ СЦІРІРёС%Рµ РіСЃРё
Р•Р°СІС,РsСІСІРІР°РSPSC- Р»С-РєР°СЃСІСЃРєРєРєРєРєРє Р•Р°СІСР±СІ Р'Рё РјР�Р¶РµС,Рµ Р•Р°
С,РµР»РµС,Р�РSPsРј 38 (050) 309-83-54 (С†С-Р»РєРrРєР±РєРІs).

$P\alpha P^{\circ}C\overline{H}PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC-PeP^{\circ}. P\uparrow P\acute{K}-P\check{h}P\gg P\uparrow P\check{y}P\bullet P \quad \text{в}\overline{H}'' \quad C\uparrow P_{\mu} \quad PePsPjP\pm C-PSP^{\circ}C\uparrow C-C\overline{U}$
 $C-PSPiC-P\pm C-C,PsC\overline{H}C\acute{r} \quad P\check{h}P_{\mu}P\alpha \quad P\ddot{i}P_{\mu}C\overline{H}P\ddot{e}PSP\overline{r}PsP\ddot{i}C\overline{H}P\ddot{e}P\gg C\acute{r} \quad C,P_{\mu}C\overline{H}C,-$

P±CfC,PëP»P°PjC-PSCf C,P° CfCfP»CHC,,PsPSP°PjiPrPSPsPiPs PrC-CfCfPµC,PëPeP°
C-PSPPrP°PïP°PjC-PrCf. P™ PsPiPs C,,P°CfPjP°PePsP»PsPiC-C±PSP° PrC-Cf
P·CfPjPsPIP»PµPSP° PIP»P°CfC,PëPIPsCfC,CfPjPë PePsP¶PSPsPiPs
PePsPjPiPsPSPµPSC,P° (PiPµCfPëPSPPrPsPiCfPëP»Cf C,P° C-PSPPrP°PïP°PjC-PrCf) C-
C—C... P°PrPëC,PëPIPSPëPj CfPëPSPµCfPiC-P·PjPsPj.

PµPµC...P°PSC-P·Pj PrC-C—. P†Pκ-PñP>P†PÿP·P PjP°C” P°PrPëC,PëPIPSPëPNë
CfPëPSPµCfPiC-C±PSPëPNë PµC,,PµPeC, PrPIPsC... P°PSC,PëPiC-PiPµCfC,PµPSP·PëPIPSPëC...
PePsPjPiPsPSPµPSC,C-PI.

PµPµC...P°PSC-P·Pj PrC-C— PiPµCfPëPSPPrPsPiCfPëP»Cf. PµPµCfPëPSPPrPsPiCfPëP» бґ”
C-PSPiC-P±C-C,PsCf PñPµPα, C%Ps PiPµCfPµC,PIPsCfCfC”
P°PSPiC-PsC,PµPSP·PëPS P† PI P°PSPiC-PsC,PµPSP·PëPS P†P†
(CfCfPrPëPSPsP·PICfP¶CfPIP°P»CHPSCf CfCfP±CfC,P°PSC†C-Cf),
PrPsPrP°C,PePsPIPs CfC,PëPjCfP»CfC” CfPµPeCfPµC†C-Cf
P°P»CHPrPsCfC,PµCfPsPSCf PePsCfPsCf PSP°PrPSPëCfPePsPIPëC... P·P°P»PsP· C,P°
CfPsP·PiP°Pr P±CfP°PrPëPeC-PSC-PSCf (PIP°P·PsPrPëP»P°C,CfCfC±PsC—
CfCfP±CfC,P°PSC†C-C—) PrPs PSPµP°PeC,PëPIPSPëC... PiPµPiC,P°PiPµPiC,PëPrC-PI.
P†PSPiC-P±CfPIP°PSPSCf PñPµPα PiCfPëP·PIPsPrPëC,CH PrPs: P·PSPëP¶PµPSPSCf
CfPµPeCfPµC†C-C— P°P»CHPrPsCfC,PµCfPsPSCf; PiC-PrPIPëC%PµPSPSCf
P°PeC,PëPIPSPsCfC,C- CfPµPSC-PSCf Cf PiP»P°P·PjC- PeCfPsPIC-, C,PsPrC- CfPe
P°P»CHPrPsCfC,PµCfPsPS PSPµ C±PëPSPëC,CH PSPµPiP°C,PëPIPSsPiPs PIPiP»PëPICf;
P·PjPµPSC€PµPSPSCf P·P°PiP°P»CHPSPsPiPs PiPµCfPëC,,PµCfPëC±PSPsPiPs
PsPiPsCfCf CfCfPrPëPS P·P°PIPrCfPePë PiPµCfPµPIP°P¶P°CfC±PsPjCf PIPiP»PëPICf
PSP° CfCfPrPëPSPë Pjбґ” CfP·C-PI C,P° PSPëCfPsPe; PiCfPë C†CHPsPjCf PSPµ
CfPiPsCfC,PµCfC-PiP°C”C,CHCfCf P·P°C,CfPëPjPePë PIPsPrPë C,P° CfPsP»PµPNë
P°P±Ps CfPµC,,P»PµPeC,PsCfPSPsC— C,P°C...C-PeP°CfPrC-C—, PSP°PIC-C,CH Cf
CfP°P·C- C,CfPëPIP°P»PsPiPs P»C-PeCfPIP°PSPSCf. PhPeCfC-Pj C,PsPiPs,
PiPµCfPëPSPPrPsPiCfPëP» P·PSPëP¶CfC” P°CfC,PµCfC-P°P»CHPSPëPNë C,PëCfPe
(PñPÿ) Cf PiP°C†C-C”PSC,C-PI C-P· PSPsCfPjP°P»CHPSPëPj C- PSPëP·CHPePëPj
CfC-PIPSµPj CfPµPSC-PSCf Cf PiP»P°P·PjC- PeCfPsPIC-. PµPµCfPëPSPPrPsPiCfPëP»
PrC-C” C±PµCfPµP· CfPIC-PNë P°PeC,PëPIPSPëPNë PjPµC,P°P±PsP»C-C,
PiPµCfPëPSPPrPsPiCfPëP»P°C,. P†PSC€C- PjPµC,P°P±PsP»C-C,Pë PSPµP°PeC,PëPIPS-.
PµPµCfPëPSPPrPsPiCfPëP» P·PjPµPSC€CfC” CfPsP±PsC,Cf CfPµCfC†Cf C±PµCfPµP·
PIP°P·PsPrPëP»P°C,P°C,PsCfPSCf PrC-Cf PSP° PIPµPSPë (PjPsP¶P»PëPIPs, C±PµCfPµP·
P·PjC-PSPë Cf PjPµC,P°P±PsP»C-P·PjC- PiCfPsCfC,P°PiP»P°PSPPrPëPSC-PI) бґ”
P·PjPµPSC€PµPSPSCf PiPµCfPµPrPSP°PIP°PSC,P°P¶PµPSPSCf, C,P° C±PµCfPµP·
P·PjPµPSC€PµPSPSCf P·P°PiP°P»CHPSPsPiPs PsPiPsCfCf
PiPµCfPëC,,PµCfPëC±PSPëC... CfCfPrPëPS бґ” P·PjPµPSC€PµPSPSCf
PiPsCfC,PSP°PIP°PSC,P°P¶PµPSPSCf PSP° CfPµCfC†Pµ. P”PsCfP»C-PrP¶PµPSPSCf,
PiCfPsPIPµPrPµPSC- P· CfC±P°CfC,Cf PiP°C†C-C”PSC,C-PI C-P· CfPµCfC†PµPIPsCf
PSPµPrPsCfC,P°C,PSC-CfC,Cf, PrPsPIPµP»Pë, C%Ps P·P°CfC,PsCfCfPIP°PSPSCf
PiPµCfPëPSPPrPsPiCfPëP»Cf PiCfPëP·PIPsPrPëC,CH PrPs P·PSPëP¶PµPSPSCf
C,PëCfPeCf PSP°PiPsPIPSµPSPSCf P»C-PIPsPiPs C,P° PiCfP°PIPsPiPs
C€P»CfPSPsC±PeC-PI, P·PSPëP¶PµPSPSCf P·P°PiP°P»CHPSPsPiPs PsPiPsCfCf
PiPµCfPëC,,PµCfPëC±PSPëC... CfCfPrPëPS, P·P±C-P»CHC€PµPSPSCf
CfPµCfC†PµPIPsPiPs PIPëPePëPrCf C,P° PiPsPeCfP°C%PµPSPSCf

PICXEL б҃҃” P±P°PiP°C,PsC†PμPSC,C҃҃҃PsPIPμ C҃҃҃P°PSPrPsPjC-P·PsPIP°PSPμ PiPsPrPIC-PN҃PSPμ C†P»C-PiPμ PePsPSC,C҃҃҃PsP»CH҃PsPIP°PSPμ PrPsC†P»C-PrP¶PμPSPSC¶, C҃҃ C...PsPrC- C¶PePsPiPs P·P° C҃҃҃PμP·C҃҃P»CH҃C,P°C,P°PjPө PμC...PsPeP°C҃҃҃PrC-PsPiC҃҃҃P°C,,C-C— PsC†C-PSC҃҃҃PIP°P»Pө PIPiP»PөPI PePsPjP±C-PSP°C†C-C— PiPμC҃҃҃PөPSPrPsPiC҃҃҃PөP»C҃҃ C,P° C-PSPrP°PiP°PjC-PrC҃҃ PSP° PiC-PiPμC҃҃҃C,C҃҃҃PsC,,C-C҃҃ P»C-PIPsPiPs CөP»C҃҃PSPsC±PeP° PiPsC҃҃҃C-PIPSC¶PSPs P· PμPSP°P»P°PiC҃҃҃PөP»PsPj C҃҃ PjPsPSPsC,PμC҃҃҃P°PiC-C—. Pj C...PsPrC- PrPsC†P»C-PrP¶PμPSPSC¶ PICXEL PiP°C†C-C”PSC,C-PI P· P°C҃҃҃C,PμC҃҃҃C-P°P»CH҃PSPsC҃҃ PiC-PiPμC҃҃҃C,PμPSP·C-C”C҃҃ C,P° PiC-PiPμC҃҃҃C,C҃҃҃PsC,,C-C”C҃҃ P»C-PIPsPiPs CөP»C҃҃PSPsC±PeP° (P· C-PSPrPμPeC†PsPj PjP°C†Pө P»C-PIPsPiPs CөP»C҃҃PSPsC±PeP° > 120 Pi/Pj² C҃҃ C±PsP»PsPIC-PeC-PI C,P° > 100 Pi/Pj² C҃҃ P¶C-PSPsPe) P±C҃҃P»Ps C҃҃҃P°PSPrPsPjC-P·PsPIP°PSPs C҃҃ PrPIC- PiC҃҃҃C҃҃PiPө: PsPrPSP° PiC҃҃҃C҃҃PiP° PiP°C†C-C”PSC,C-PI PiC҃҃҃PөPN҃PjP°P»P° 2 PjPi PiPμC҃҃҃PөPSPrPsPiC҃҃҃PөP»C҃҃ C,PμC҃҃҃C,P±C҃҃C,PөP»P°PjC-PSC҃҃ (PμPePIC-PIP°P»PμPSC,PSPs 2,5 PjPi PiPμC҃҃҃PөPSPrPsPiC҃҃҃PөP»C҃҃ P°C҃҃҃PiC-PSC-PSC҃҃)/0,625 PjPi C-PSPrP°PiP°PjC-PrC҃҃, C-PSCөP° б҃҃” 10 PjPi PμPSP°P»P°PiC҃҃҃PөP»C҃҃ 1 C҃҃҃P°P· PSP° PrPsP±C҃҃ PiC҃҃҃PsC,C¶PiPsPj C҃҃҃PsPeC҃҃. P”PsP·Pө P±C҃҃P»Ps P°PrP°PiC,PsPIP°PSPs PIC-PrPiPsPIC-PrPSPs PrPs PiPsPeP°P·PSPөPeC-PI P°C҃҃҃C,PμC҃҃҃C-P°P»CH҃PSPsPiPs C,PөC†PeC҃҃ (P҃҃҃҃҃): PrPsP·C҃҃ PiPμC҃҃҃PөPSPrPsPiC҃҃҃PөP»C҃҃ C,PμC҃҃҃C,P±C҃҃C,PөP»P°PjC-PSC҃҃ P·P±C-P»CH҃CөC҃҃PIP°P»Pө PrPs 8 PjPi (PμPePIC-PIP°P»PμPSC,PSPs 10 PjPi PiPμC҃҃҃PөPSPrPsPiC҃҃҃PөP»C҃҃ P°C҃҃҃PiC-PSC-PSC҃҃),

C-PSPrP°PiP°PjC-PrCr бґ” PrPs 2,5 PjPi, PμPSP°P»P°PiCґPөP»Cр бґ” PrPs 40 PjPi 1 CґP°P· PSP° PrPsP±Cр. PμCґPμPiP°CґP°C,Pe Cr CґC,P°CґC,PsPIC-PM PrPsP·C- PiCґPsPrPsPIP¶PөP»Pө PiCґPөPMөPjP°C,Pe 34 % PiP°C†C-C”PSC,C-PI Cr PiCґCрPiC- PiPμCґPөPSPPrPsPiCґPөP»Cр/C-PSPrP°PiP°PjC-PrCr (2 PjPi PiPμCґPөPSPPrPsPiCґPөP»Cр C,P° 0,625 PjPi C-PSPrP°PiP°PjC-PrCr) C,P° 20 % Cr PiCґCрPiC- PμPSP°P»P°PiCґPөP»Cр (10 PjPi). PґPμCґPμPr CrCґC-C... CґP°PSPPrPsPjC-P·PsPIP°PSPөC... PiP°C†C-C”PSC,C-PI PSP°PiCґPөPeC-PSC†C- P»C-PeCрPIP°PSPSC¶ C-PSPrPμPeCр PjP°CґPө P»C-PIPsPiPs CөP»CрPSPsC†PeP° P·PjPμPSCөPөPICґC¶ PrPsCґC,PsPIC-CґPSPs P±C-P»CHCөPsCґ PjC-CґPsCґ Cr PiP°C†C-C”PSC,C-PI, C¶PeC- PsC,CґPөPjCрPIP°P»Pө PiPμCґPөPSPPrPsPiCґPөP»/C-PSPrP°PiP°PjC-Pr (бґ”10,1 Pi/Pj²), PSC-P¶ Cr PiCґCрPiC- PμPSP°P»P°PiCґPөP»Cр (бґ”1,1 Pi/Pj²). P C-P·PSPөC†C¶ PjC-P¶ PrPIPsPjP° PiCґCрPiP°PjPө CґC,P°PSPsPIPөP»P° бґ”8,3 (95 % PrPsPIC-CґC†PөPMө C-PSC,PμCґPIP°P» [P”P†] PIC-Pr бґ”11,5 PrPs бґ”5,0, p < 0,0001). PґCґP°C%oPsPiPs PμC,,PμPeC,Cр C%oPsPrPs P·PSPөP¶PμPSPSC¶ C-PSPrPμPeCґCр PjP°CґPө P»C-PIPsPiPs CөP»CрPSPsC†PeP° P±CрP»Ps PrPsCґC¶PiPSCрC,Ps PiCґPө PiCґPөPMөPsPjC- PjP°PeCґPөPjP°P»CHPSPөC... PrPsP· PiPμCґPөPSPPrPsPiCґPөP»Cр/C-PSPrP°PiP°PjC-PrCr (10 PjPi/2,5 PjPi). PґCґC,PμCґC-P°P»CHPSPөPMө C,PeCґPe P±C-P»CHCө PμC,,PμPeC,PөPIPsPs P·PjPμPSCөPөPICґC¶ Cr PiCґCрPiC- PiPμCґPөPSPPrPsPiCґPөP»Cр/C-PSPrP°PiP°PjC-PrCr: CґC-P·PSPөC†C¶ CґPμCґPμPrPSCґPsPiPs P·PSPөP¶PμPSPSC¶ PґPґ PjC-P¶ PrPIPsPjP° PiCґCрPiP°PjPө PiP°C†C-C”PSC,C-PI CґC,P°PSPsPIPөP»P° бґ”5,8 PjPj CґC,. CґC,. (95 % P”P† PIC-Pr бґ”7,9 PrPs бґ”3,7, p < 0,0001) PrP»C¶ PґPґPґ C,P° бґ”2,3 PjPj CґC,. CґC,. (95 % P”P† PIC-Pr бґ”3,6 PrPs бґ”0,9, p = 0,0004) PrP»C¶ P”PґPґ.

ADVANCE бґ” PjC-P¶PSP°CґPsPrPSPμ PjCрP»CHC,PeC†PμPSC,CґPsPIPμ CґP°PSPPrPsPjC-P·PsPIP°PSPμ PrPsCґP»C-PrP¶PμPSPSC¶ P· P±C-- C,,P°PeC,PsCґC-P°P»CHPSPөPj (2×2) PrPөP·P°PMөPSPsPj, CґPiCґC¶PjPsPIP°PSPμ PSP° PIPөP·PSP°C†PμPSPSC¶ PiPμCґPμPIP°Pi P·PSPөP¶PμPSPSC¶ P°CґC,PμCґC-P°P»CHPSPsPiPs C,PeCґPeCр C,,C-PeCґPsPIP°PSPsCґ PePsPjP±C-PSP°C†C-C”Cґ PiPμCґPөPSPPrPsPiCґPөP»Cр/C-PSPrP°PiP°PjC-PrCr PiPsCґC-PIPSC¶PSPs P· PiP»P°C†PμP±Ps PSP° C,P»C- PiPsC,PsC†PSPsC— CґC,P°PSPPrP°CґC,PSPsC— C,PμCґP°PiC-C— (PiPsPrPIC-PMөPSPμ CґP»C-PiPμ PiPsCґC-PIPSC¶PSPSC¶) C,P° PiPμCґPμPIP°Pi CґC,CґP°C,PμPiC-C— C-PSC,PμPSCґPөPIPsPiPs PePsPSC,CґPsP»Cґ PiP»C-PePμPjC-C— (CґC-PIPμPSCґ HbAlc ≤ 6,5 %) PSP° PsCґPSPsPIC- B«P”P»C-PeP»P°P·PөPrCr MRB» (B«P”C-P°P±PμC,PsPSCр^{B®} MRB») PiPsCґC-PIPSC¶PSPs P·C- CґC,P°PSPPrP°CґC,PSPөPj PePsPSC,CґPsP»PμPj PiP»C-PePμPjC-C— (PrPөP·P°PMөPS PROBE [PiCґPsCґPiPμPeC,PөPIPsPμ CґP°PSPPrPsPjC-P·PsPIP°PSPμ PIC-PrPeCґPөC,Pμ PrPsCґP»C-PrP¶PμPSPSC¶ C-P· PIPөP·PSP°C†PμPSPSC¶Pj CґP»C-PiPөPj PjPμC,PsPrPsPj)) P·P° PIPiP»PөPIPsPj PSP° PsCґPSPsPIPS- PjP°PeCґPs- C,P° PjC-PeCґPsCґCрPrPөPSPSC- PiPsPrC-C— Cr PiP°C†C-C”PSC,C-PI P· PrC-P°P±PμC,PsPj P†P† C,PePiCр. PμPμCґPIPөPSPSP° PeC-PSC†PμPIP° C,PsC†PeP° CґPeP»P°PrP°P»P°CґCH C-P· PsCґPSPsPIPSPөC... PjP°PeCґPsPIP°CґPeCрP»C¶CґPSPөC... (PeP°CґPrC-PsPIP°CґPeCрP»C¶CґPSPөPMө P»PμC,P°P»CHPSPөPMө PSP°CґP»C-PrPsPe, PSPμP»PμC,P°P»CHPSPөPMө C-PSC,,P°CґPeC, PjC-PsPeP°CґPrP°, PSPμP»PμC,P°P»CHPSPөPMө C-PSCґCрP»CHC,) C- PjC-PeCґPsPIP°CґPeCрP»C¶CґPSPөC... (PSPsPIC- PIPөPiP°PrPePө P°P±Ps PiPsPiC-CґCөPμPSPSC¶ PSPμC,,CґPsPiP°C,C-C—, CґPμC,PөPSPsPiP°C,C-C—) PiPsPrC-PMө PJ PrPsCґP»C-PrP¶PμPSPSC- P±CґP°P»Pө CrC†P°CґC,CH 11140 PiP°C†C-C”PSC,C-PI P· PrC-P°P±PμC,PsPj P†P† C,PөPiCр. PJ CґPμCґPμPrPSCґPsPjCр PIC-Pө PiP°C†C-C”PSC,C-PI CґC,P°PSPsPIPөPI 66 CґPsPeC-PI, C-PSPrPμPeCґ PjP°CґPө C,C-P»P° (P†PґPґ) 28 PePi/Pj², C,CґPөPIP°P»C-CґC,CH PrC-P°P±PμC,Cр бґ” 8 CґPsPeC-PI, HbAlc 7,5 % C,P° PґPґPґ/P”PґPґ 145/81 PjPj CґC,. CґC,. PґPμCґPμPr PSPөC... 83 % PiP°C†C-C”PSC,C-PI PjP°P»Pө P°CґC,PμCґC-P°P»CHPSCр PiC-PiPμCґC,PμPSP·C-Cґ, 32 % C,P° 10 % PiP°C†C-C”PSC,C-PI

PjP°P»Pë PI P°PSP°PjPSPµP·C- PjC-PeCḡPs- C,P° PjP°PeCḡPsPIP°CíPeCfP»CḡCḡPSC-
 P·P°C...PIPsCḡCḡPIP°PSPSCḡ PIC-PrPīPsPIC-PrPSPs C,P° 27 % PjP°P»Pë
 PjC-PeCḡPsP°P»CHbP±CfPjC-PSCfCḡC-Cḡ. PŸCfPīCfC,PSCḡ C,PµCḡP°PīC-Cḡ
 PIPeP»CḡC±P°P»P° PīCḡPµPīP°CḡP°C,Pë PrP»Cḡ P·PSPëP¶PµPSPSCḡ PḡPŸ (75 %), PrP»Cḡ
 P·PSPëP¶PµPSPSCḡ P»C-PīC-PrC-PI (35 %, PīPsP»PsPIPSPëPj C±PëPSPsPj CíC,P°C,PëPSPë бḡ"
 28 %), P°C†PµC,PëP»CíP°P»C-C†PëP»PsPICf PePëCíP»PsC,Cf P°P±Ps C-PSCëC-
 P°PSC,PëC,CḡPsPjP±PsC†PëC,P°CḡPSC- PīCḡPµPīP°CḡP°C,Pë (47 %). PµCḡPsC,CḡPīPsPj
 6 C,PëP¶PSC-PI PīPµCḡC-PsPrCf PIPµPrPµPSPSCḡ Cf PrPsCíP»C-PrP¶PµPSPSCḡ
 PīP°C†C-C" PSC,Pë PsC,CḡPëPjCfPIP°P»Pë PePsPjP±C-PSP°C†C-Cḡ
 PīPµCḡPëPSPPrPsPīCḡPëP»Cf/C-PSPPr°PīP°PjC-PrCf C,P° PīCḡPsPrPsPIP¶CfPIP°P»Pë
 PīCḡPëPµPjP°C,Pë P·PIPëC±P°PµPSCf PrP»Cḡ PSPëC... C†CfPeCḡPsP·PSPëP¶CfPIP°P»CHbPSCf
 C,PµCḡP°PīC-Cḡ. P"°P»C- PīP°C†C-C" PSC,P°Pj P·P° CḡP°PSPPrPsPjC-P·PsPIP°PSPëPj
 PīCḡPëPSC†PëPīPsPj P±CfPI PīCḡPëP·PSP°C±PµPSPëPµ PīCḡPëPµPsPj PīP»P°C†PµP±Ps
 (n = 5571) P°P±Ps PePsPjP±C-PSP°C†C-Cḡ PīPµCḡPëPSPPrPsPīCḡPëP»Cf/C-PSPPr°PīP°PjC-PrCf
 (n = 5569). PµPµCḡPëPSPPrPsPīCḡPëP»/C-PSPPr°PīP°PjC-Pr, 5 PjPi/1,25 PjPi, C,P°P±P»PµC,PePë,
 PIPeCḡPëC,C- PīP»C-PIPePsPIPsCḡ PsP±PsP»PsSPePsCḡ, PSPµ PīCḡPëPµPSCḡC,PSPëPµ
 PrP»Cḡ PīPsC±P°C,PeCf C,PµCḡP°PīC-C—. P>C-PeCfPIP°PSPSCḡ CḡPsP·PīPsC±PëPSP°P»Pë P·
 PīPµCḡPëPSPPrPsPīCḡPëP»Cf 2,5 PjPi/C-PSPPr°PīP°PjC-PrCf 0,625 PjPi PīPs 1 C,P°P±P»PµC,C†C-
 1 CḡP°P· PSP° PrPsP±Cf. PḡPµCḡPµP· 3 PjC-CíCḡC†C-, P·P° CfPjPsPIPë PrPsP±CḡPsC—
 PīPµCḡPµPSPsCíPëPjPsCíC,C-, PrPsP·Cf PīC-PrPIPëC%oCfPIP°P»Pë. PŸPsP±C,Ps
 PīCḡPëP·PSP°C±P°P»Pë PīCḡPµPīP°CḡP°C, PīPµCḡPëPSPPrPsPīCḡPëP»/C-PSPPr°PīP°PjC-Pr,
 5 PjPi/1,25 PjPi, C,P°P±P»PµC,PePë, PIPeCḡPëC,C- PīP»C-PIPePsPIPsCḡ PsP±PsP»PsSPePsCḡ,
 PīPs 1 C,P°P±P»PµC,C†C- 1 CḡP°P· PSP° PrPsP±Cf. P>C-PeCfPIP°PSPSCḡ PīCḡPsC,CḡPīPsPj
 4,3 CḡPsPeCf PePsPjP±C-PSP°C†C-C" Cḡ PīPµCḡPëPSPPrPsPīCḡPëP»Cf/C-PSPPr°PīP°PjC-PrCf
 PīCḡPëP·PIPµP»Ps PrPs PrPsCíC,PsPIC-CḡPSPsPīPs P·PSPëP¶PµPSPSCḡ PSP° 9 %
 PIC-PrPSPsCíPSPsPīPs CḡPëP·PëPeCf PīPsPeP°P·PSPëPeC-PI PīPµCḡPIPëPSPSPsC—
 PeC-PSC†PµPIPsC— C,PsC±PePë (95 % P"† [0,828; 0,996], Cḡ = 0,041). PµPµCḡPµPIP°PīPë
 P»C-PeCfPIP°PSPSCḡ PīPµCḡPëPSPPrPsPīCḡPëP»PsPj/C-PSPPr°PīP°PjC-PrPsPj
 PīPsCḡC-PIPSCḡPSPs P· PīP»P°C†PµP±Ps P±CfP»Pë P·CfPjPsPIP»PµPSC-:
 PrPsCíC,PsPIC-CḡPSPëPj P·PSPëP¶PµPSPSCḡPj PIC-PrPSPsCíPSPsPīPs CḡPëP·PëPeCf
 P·P°PīP°P»CHbPSPsC— P»PµC,P°P»CHbPSPsCíC,C- PSP° 14 % (95 % P"† [0,75; 0,98], Cḡ = 0,025);
 PrPsCíC,PsPIC-CḡPSPëPj P·PSPëP¶PµPSPSCḡPj PIC-PrPSPsCíPSPsPīPs CḡPëP·PëPeCf
 PeP°CḡPrC-PsPIP°CíPeCfP»CḡCḡPSPsC— P»PµC,P°P»CHbPSPsCíC,C- PSP° 18 %
 (95 % P"† [0,68; 0,98], Cḡ = 0,027); PrPsCíC,PsPIC-CḡPSPëPj P·PSPëP¶PµPSPSCḡPj
 PIC-PrPSPsCíPSPsPīPs CḡPëP·PëPeCf PICíC-C... PIPëPrC-PI PSPëCḡPePsPIPëC...
 CíCíPeP»P°PrPSPµPSCḡ PSP° 21 % (95 % P"† [0,74; 0,86], Cḡ < 0,001). Pj PīC-PrPīCḡCfPīC-
 PīP°C†C-C" PSC,C-PI P· P°CḡC,PµCḡC-P°P»CHbPSPsCḡ PīC-PīPµCḡC,PµPSP·C-C" Cḡ, CḡPeC-
 P»C-PeCfPIP°P»PëCíCḡ PīPµCḡPëPSPPrPsPīCḡPëP»PsPj/C-PSPPr°PīP°PjC-PrPsPj,
 PIC-PrP·PSP°C±P°P»PsCíCḡ PrPsCíC,PsPIC-CḡPSPµ P·PSPëP¶PµPSPSCḡ PIC-PrPSPsCíPSPsPīPs
 CḡPëP·PëPeCf PsCíPSPsPIPSPëC... PjP°PeCḡPs- C,P° PjC-PeCḡPsCíCfPrPëPSPSPëC...
 CíCíPeP»P°PrPSPµPSCḡ PSP° 9 % (95 % P"† [0,82; 1,0], Cḡ = 0,052) PīPsCḡC-PIPSCḡPSPs P·
 PīCḡCfPīPsCḡ PīP»P°C†PµP±Ps. Pj PīC-PrPīCḡCfPīC- PīP°C†C-C" PSC,C-PI, CḡPeC-
 PīCḡPëPµPjP°P»Pë PīPµCḡPëPSPPrPsPīCḡPëP»/C-PSPPr°PīP°PjC-Pr, PīPsCḡC-PIPSCḡPSPs P·
 PīCḡCfPīPsCḡ PīP»P°C†PµP±Ps, C,P°PePsP¶ PIC-PrP·PSP°C±P°P»PsCíCḡ:
 PrPsCíC,PsPIC-CḡPSPµ P·PSPëP¶PµPSPSCḡ PIC-PrPSPsCíPSPsPīPs CḡPëP·PëPeCf
 P·P°PīP°P»CHbPSPsC— P»PµC,P°P»CHbPSPsCíC,C- PSP° 16 % (95 % P"† [0,73; 0,97], Cḡ = 0,019);
 PrPsCíC,PsPIC-CḡPSPµ P·PSPëP¶PµPSPSCḡ PIC-PrPSPsCíPSPsPīPs CḡPëP·PëPeCf
 PeP°CḡPrC-PsPIP°CíPeCfP»CḡCḡPSPsC— P»PµC,P°P»CHbPSPsCíC,C- PSP° 20 %
 (95 % P"† [0,66; 0,97], Cḡ = 0,023); PrPsCíC,PsPIC-CḡPSPµ P·PSPëP¶PµPSPSCḡ
 PIC-PrPSPsCíPSPsPīPs CḡPëP·PëPeCf PICíC-C... PIPëPrC-PI PSPëCḡPePsPIPëC...
 CíCíPeP»P°PrPSPµPSCḡ PSP° 20 % (95 % P"† [0,73; 0,87], Cḡ < 0,001). PµPµCḡPµPIP°PīPë

P»C-PeCfPIP°PSPSCl, PSP°PīCḡP°PIP»PμPSPsPiPs PSP° P·PSPëP¶PμPSPSCl
P°CḡC,PμCḡC-P°P»CHbPSPsPiPs C,PēCīPeCf, PSPμ P·P°P»PμP¶P°P»Pē PIC-Pr PīPμCḡPμPIP°Pi,
PrPsCīCīPiPSCfC,PēC... Cf PīP°C†C-C"psc,C-PI, CīPeC- P»C-PeCfPIP°P»PēCīCī
PIC-PrPīPsPIC-PrPSPs PrPs CīC,CḡP°C,PμPiC-C- C-PSC,PμPSCīPēPIPSsPiPs
PePsPSC,CḡPsP»Cḡ PiP»C-PePμPjC-C-.

PαP°CḡPjP°PePsPrPēPSP°PjC-C†PSC- PμC,,PμPeC,Pē, PīPsPIbḡ™ CīP·P°PSC- P·
PīPμCḡPēPSPrPsPīCḡPēP»PsPj. PμPμCḡPēPSPrPsPīCḡPēP» PμC,,PμPeC,PēPIPSs P·PSPëP¶CfC"
PḡPḡ PīCḡPē PICīC-C... CīC,CfPīPμPSClC... P°CḡC,PμCḡC-P°P»CHbPSPsC-
PiC-PīPμCḡC,PμPSP·C-C-: P»PμPiPePsC-, PīPsPjC-CḡPSPsC- C,P° C,CīP¶PePsC-.
P-PSPëP¶PμPSPSCl PḡPḡPḡ C- P"ḡPḡ CīPīPsCīC,PμCḡC-PiP°C"C,CHCīCī Cf
PīPsP»PsP¶PμPSPSC- CīPe P»PμP¶P°C†Pē, C,P°Pe C- CīC,PsCīC†Pē.
PḡP°PeCīPēPjP°P»CHbPSPëPNḡ P°PSC,PēPiC-PīPμCḡC,PμPSP·PēPIPSPëPNḡ PμC,,PμPeC,
CḡPsP·PIPēPIP°C"C,CHCīCī C†PμCḡPμP· 4-6 PiPsPrPēPS PīC-CīP»Cī PīCḡPēPNḡPsPjCf
PsPrPSPsCḡP°P·PsPIPsC- PrPsP·Pē C,P° P·P±PμCḡC-PiP°C"C,CHCīCī P±C-P»CHCēPμ
PrPsP±Pē. PμPμCḡPēPSPrPsPīCḡPēP» PjP°C" PIPēCīPsPePēPNḡ CḡC-PIPμPSCḡ
PsCīC,P°C,PsC†PSPsPiPs P±P»PsPeCfPIP°PSPSCl PḡPμPα (PīCḡPēP±P»PēP·PSPs 80 %)
C†PμCḡPμP· 24 PiPsPrPēPSPē PīC-CīP»Cī PīCḡPēPNḡPsPjCf. Pj PīP°C†C-C"psc,C-PI, CīPeC-
PIC-PrPīPsPIC-P»Pē PSP° P»C-PeCfPIP°PSPSCl, PSPsCḡPjP°P»C-P·P°C†C-Cī PḡPḡ
PrPsCīCīPiP°C"C,CHCīCī C†PμCḡPμP· PjC-CīCīC†CH C- P·P±PμCḡC-PiP°C"C,CHCīCī
P±PμP· PIPēPSPëPePSPμPSPSCl C,P°C...C-C,,C-P»P°PeCīC-C-. PμCḡPēPīPēPSPμPSPSCl
C,PμCḡP°PiC-C- PSPμ CīCfPīCḡPsPIPsPrP¶CfC"C,CHCīCī CīPēPSPrCḡPsPjPsPj
PIC-PrPjC-PSPē. PμPμCḡPēPSPrPsPīCḡPēP» PjP°C"
CīCfPrPēPSPsCḡPsP·CēPēCḡCḡPIP°P»CHbPSC- PIP»P°CīC,PēPIPsCīC,C-, PIC-PrPSPsPIP»CḡC"
PμP»P°CīC,PēC†PSC-CīC,CH PIPμP»PēPePēC... P°CḡC,PμCḡC-PNḡ, PePsCḡPēPiCfC"
PiC-CīC,PsPjPsCḡC,,PsPjPμC,CḡPēC†PSC- P·PjC-PSPē Cf CḡPμP·PēCīC,PμPSC,PSPsCīC,C-
P°CḡC,PμCḡC-PNḡ C,P° P·PjPμPSCēCfC" PiC-PīPμCḡC,CḡPsC,,C-Cḡ P»C-PIPsPiPs
CēP»CfPSPsC†PeP°. P"PsPrP°PIP°PSPSCl Cf CḡP°P·C- PSPμPsP±C...C-PrPSPsCīC,C-
C,C-P°P·PēPrPSPsPiPs PrC-CfCḡPμC,PēPeP° PīCḡPēP·PIPsPrPēC,CH PrPs
PrPsPrP°C,PePsPIPsPiPs CīPēPSPμCḡPiC-P·PjCf. PḡPsPjP±C-PSPsPIP°PSPμ
P·P°CīC,PsCīCfPIP°PSPSCl C-PSPiC-P±C-C,PsCḡCf PḡPμPα C- C,C-P°P·PēPrPSPsPiPs
PrC-CfCḡPμC,PēPeP° P·PjPμPSCēCfC" CḡPēP·PēPe PiC-PīPsPeP°P»C-C"PjC-C-, C%Ps PjPsP¶Pμ
PIPēPSPëPePSCfC,Pē PīCḡPē PīCḡPēP·PSP°C†PμPSPSC- PrC-CfCḡPμC,PēPeP° Cf
PjPsPSPsC,PμCḡP°PiC-C-.

PαP°CḡPjP°PePsPrPēPSP°PjC-C†PSC- PμC,,PμPeC,Pē, PīPsPIbḡ™ CīP·P°PSC- P·
C-PSPrP°PīP°PjC-PrPsPj. PμCḡPē P·P°CīC,PsCīCfPIP°PSPSC- CīPe PjPsPSPsC,PμCḡP°PiC-C-
C-PSPrP°PīP°PjC-Pr C†PēPSPēC,CH P°PSC,PēPiC-PīPμCḡC,PμPSP·PēPIPSf PrC-Cḡ, CīPeP°
C,CḡPēPIP°C" 24 PiPsPrPēPSPē. PīPμPNḡ PμC,,PμPeC, PīCḡPsCīPIP»CīC"C,CHCīCī Cf
PrPsP·P°C..., Cf CīPePēC... PrC-CfCḡPμC,PēC†PSC- PIP»P°CīC,PēPIPsCīC,C- C"
PjC-PSC-PjP°P»CHbPSPëPjPē. PḡPSC,PēPiC-PīPμCḡC,PμPSP·PēPIPSP° PrC-Cī
C-PSPrP°PīP°PjC-PrCf PīCḡPsPiPsCḡC†C-PNḡPSP° PīPsPeCḡP°C%PμPSPSCḡ
PμP»P°CīC,PēC†PSPsCīC,C- P°CḡC,PμCḡC-PNḡ C,P° P·PjPμPSCēPμPSPSCḡ
CḡPμP·PēCīC,PμPSC,PSPsCīC,C- P°CḡC,PμCḡC-PsP» C- P·P°PiP°P»CHbPSPsPiPs
PīPμCḡPēC,,PμCḡPēC†PSPsPiPs PsPīPsCḡCf CīCfPrPēPS. P†PSPrP°PīP°PjC-Pr P·PjPμPSCēCfC"
PiC-PīPμCḡC,CḡPsC,,C-Cḡ P»C-PIPsPiPs CēP»CfPSPsC†PeP°. PμCḡPē
PīPμCḡPμPIPēC%PμPSPSC- PrPsP·Pē P°PSC,PēPiC-PīPμCḡC,PμPSP·PēPIPSP° PrC-Cī
C,C-P°P·PēPrPSPēC... C,P° C,C-P°P·PēPrPsPiPsPrC-P±PSPēC... PrC-CfCḡPμC,PēPeC-PI
PrPsCīCīPiP°C" CḡC-PIPSCl PīP»P°C,Ps, C,PsPrC- CīPe PeC-P»CHbPeC-CīC,CH
PSPμP±P°P¶P°PSPēC... PμC,,PμPeC,C-PI P·CḡPsCīC,P°C". PīPeC%Ps P»C-PeCfPIP°PSPSCl C"
PSPμPrPsCīC,P°C,PSCHbPs PμC,,PμPeC,PēPIPSPëPj, PSPμ CīP»C-Pr P·P±C-P»CHCēCfPIP°C,Pē

PrPsP·Cf PiCḡPμPiP°CḡP°C,Cf. P'C-P»CHC€Pμ C,PsPiPs, CḡPe P±CfP»Ps PiPsPeP°P·P°PSPs Cf C...PsPrC- PrPsCḡP»C-PrPḡPμPSCḡ CḡC-P·PSPsC— C,CḡPēPiP°P»PsCḡC,C- (PePsCḡPsC,PePsC—, CḡPμCḡPμPrPSCḡPsC— C,P° PrPsPiPiPsC—) P· CfC±P°CḡC,Cḡ PiP°C†C-C"°PSC,C-PI P· P°CḡC,PμCḡC-P°P»CHBPSPsCḡ PiC-PiPμCḡC,PμPSP·C-C"ḡC, C-PSPrP°PiP°PjC-Pr PSPμ PiPiP»PēPiP°C" PSP° PjPμC,P°P±PsP»C-P·Pj P»iPiPiPiPi (C,CḡPēPiP»C-C†PμCḡPēPrC-PI, P»C-PiPsPiCḡPsC,PμC—PrC-PI PSPēP·CHPePsC— C,P° PiPēCḡPsPePsC— C%°C-P»CHBPSPsCḡC,C-) C,P° PSPμ PiPiP»PēPiP°C" PSP° PjPμC,P°P±PsP»C-P·Pj PiCḡPiP»PμPiPsPrC-PI, PSP°PiC-C,CH Cf PiP°C†C-C"°PSC,C-PI P· P°CḡC,PμCḡC-P°P»CHBPSPsCḡ PiC-PiPμCḡC,PμPSP·C-C"ḡC C,P° C†CfPeCḡPsPiPēPj PrC-P°P±PμC,PsPj.

PαP°CḡPjP°PePsPeC-PSPμC,PēPeP°. PαP°CḡPjP°PePsPeC-PSPμC,PēC±PSC- PiP»P°CḡC,PēPiPsCḡC,C- PiPμCḡPēPSPPrPsPiCḡPēP»Cf C,P° C-PSPrP°PiP°PjC-PrCf Cf CḡPeP»P°PrC- P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cf P†PḡP»P†PḡP·P PSPμ PiC-PrCḡC-P·PSCḡCḡC,CHCḡCḡ PiC-Pr PiP»P°CḡC,PēPiPsCḡC,PμP№ PiCḡPē C—C... PsPeCḡPμPjPsPjCf P·P°CḡC,PsCḡCfPiP°PSPSC-.

PαP°CḡPjP°PePsPeC-PSPμC,PēC±PSC- PiP»P°CḡC,PēPiPsCḡC,C- PiPμCḡPēPSPPrPsPiCḡPēP»Cf.

PḡP±CḡPsCḡP±C†C-Cḡ C,P° P±C-PsPrPsCḡC,CfPiPSC-CḡC,CH. PḡC-CḡP»Cḡ PiPiCḡPsCḡP°P»CHBPSPsPiPs PiCḡPēP№PsPjCf PiPiCḡPēPSPPrPsPiCḡPēP» C€PiPēPrPePs PiCḡPjPsPeC,CfC"°C,CHCḡCḡ, P№PsPiPs PjP°PeCḡPēPjP°P»CHBPSP° PePsPSC†PμPSC,CḡP°C†C-Cḡ PrPsCḡCḡPiP°C"°C,CHCḡCḡ C±PμCḡPμP· 1 PiPsPrPēPSCf. PμPμCḡC-PsPr PSP°PiC-PIPiPēPiPμPrPμPSPSCḡ PiPiCḡPēPSPPrPsPiCḡPēP»Cf P· PiP»P°P·PjPē PeCḡPsPiC- CḡC,P°PSPsPiPēC,CH 1 PiPsPrPēPSCf. PhCḡPeC-P»CHPePē PiCḡPēP№PsPj C—PḡC- P·PjPμPSC€CfC" PiPiCḡPμC,PIPsCḡPμPSPSCḡ PiPiCḡPēPSPPrPsPiCḡPēP»Cf Cf PiPiCḡPēPSPPrPsPiCḡPēP»P°C,, P° PsC,PḡPμ, P·PSPēPḡCfC"°C,CHCḡCḡ C- P№PsPiPs P±C-PsPrPsCḡC,CfPiPSC-CḡC,CH, PiPiCḡPēPSPPrPsPiCḡPēP» CḡP»C-Pr PiCḡPēP№PjP°C,Pē PiPiCḡPsCḡP°P»CHBPSPs Pi PsPrPSPsCḡP°P·PsPIC-P№ PrPsP±PsPIC-P№ PrPsP·C- PiCḡP°PSC†C- PiPiCḡPμPr C—PrPsCḡ.

P PsP·PiPsPrC-P». PhP±Bḡ™ C"°Pj CḡPsP·PiPsPrC-P»Cf PSPμP·PiBḡ™ CḡP·P°PSPsPiPs PiPiCḡPēPSPPrPsPiCḡPēP»P°C,Cf CḡC,P°PSPsPiPēC,CH PiCḡPēP±P»PēP·PSPs 0,2 P»/PePi. P—PiBḡ™ CḡP·CfPiP°PSPSCḡ PiPiCḡPēPSPPrPsPiCḡPēP»P°C,Cf P· P±C-P»PeP°PjPē PiP»P°P·PjPē PeCḡPsPIC- CḡC,P°PSPsPiPēC,CH 20 %, Pi PsCḡPSPsPiPSPsPjCf P· PhPμPα, C- P·P°P»PμPḡPēC,CH PiC-Pr PePsPSC†PμPSC,CḡP°C†C-C—.

P'C-PsC,CḡP°PSCḡC,,PsCḡPjP°C†C-Cḡ. PμPμCḡPēPSPPrPsPiCḡPēP» C" PiCḡPsP»C-PeP°CḡCḡCHPePēPj P·P°CḡPsP±PsPj. PḡP°Pe, 27 % PiCḡPēP№PSCḡC,PsC— PrPsP·Pē PiPiCḡPēPSPPrPsPiCḡPēP»Cf PiPsC,CḡP°PiP»CḡC" Cf PeCḡPsPiPsC,C-Pe Cf PiPēPiP»CḡPrC- P°PeC,PēPiPSPsPiPs PjPμC,P°P±PsP»C-C,Cf PiPiCḡPēPSPPrPsPiCḡPēP»P°C,Cf. PḡCḡC-Pj P°PeC,PēPiPSPsPiPs PiPiCḡPēPSPPrPsPiCḡPēP»P°C,Cf, PiPiCḡPēPSPPrPsPiCḡPēP» CḡC,PIPsCḡCḡ C%°Pμ 5 PSPμP°PeC,PēPiPSPēC... PjPμC,P°P±PsP»C-C,C-PI. PḡP°PeCḡPēPjP°P»CHBPSP° PePsPSC†PμPSC,CḡP°C†C-Cḡ PiPiCḡPēPSPPrPsPiCḡPēP»P°C,Cf Cf PiP»P°P·PjC- PeCḡPsPIC- PrPsCḡCḡPiP°C"°C,CHCḡCḡ C±PμCḡPμP· 3-4 PiPsPrPēPSPē.

P'PēPiPμPrPμPSPSCḡ. PμPμCḡPēPSPPrPsPiCḡPēP»P°C, PiPēPiPsPrPēC,CHCḡCḡ C-P· CḡPμC±PμCḡ, PiPiCḡC-PsPr PsCḡC,P°C,PsC±PSPsPiPs PSP°PiC-PIPiPēPiPμPrPμPSPSCḡ PSPμP·PiBḡ™ CḡP·P°PSPsC— C,,CḡP°PeC†C-C— CḡC,P°PSPsPiPēC,CH PiCḡPēP±P»PēP·PSPs 17 PiPsPrPēPS. PḡC,P°PS CḡC-PIPSPsPiPē PrPsCḡCḡPiP°C"°C,CHCḡCḡ PiCḡPsC,CḡPiPsPj 4 PrC-P±.

P>C-PSC-PN₂PSC-Cl⁺C,CH₃/PSP_μP>C-PSC-PN₂PSC-Cl⁺C,CH₃. P'CrP>Ps
PiC₇PsPrP_μPjPsPSCl⁺C,CH₃PIP°PSPs P>C-PSC-PN₂PSP_μPN₂ PIP°P°C''PjPsP·PIB₇TM Cl₂P·PsPe PjC-P_μ
PrPsP·PsC₇ PiP_μC₇P_μPSPrPsPiC₇P_μP>Cr C,P° PN₂PsPiPs PePsPSCl⁺P_μPSC,CH₃P°C†C-C''C₇ Cr
PiP>P°P·PjC- PeC₇PsPIC-.

PhCl⁺PsP±P>P_μPIC- PeP°C,P_μPiPsC₇C-C— PiP°C†C-C''PSC,C-PI

P_μP°C†C-C''PSC,P_μ P>C-C,PSC₇PsPiPs PIC-PeCr₇. P'P_μPIP_μPrP_μPSPSCl₂
PiP_μC₇P_μPSPrPsPiC₇P_μP>P°C,Cr P·PSP_μP_μCl⁺C''C,CH₃Cl₂ Cl₂ PiP°C†C-C''PSC,C-PI
P>C-C,PSC₇PsPiPs PIC-PeCr₇ C,P° PI PsCl⁺C-P± C-P· Cl⁺P_μC₇C†P_μPIPsC₇ P°P±Ps
PSP_μC₇PePsPIPsC₇ PSP_μPrPsCl⁺C,P°C,PSC-Cl⁺C,C₇.

P_μPsC₇Cr₇C_μP_μPSPSCl₂ C_μ,CrPSP_μC†C-C— PSP_μC₇PsPe. P''P>Cl₂ PiP°C†C-C''PSC,C-PI P·
PSP_μC₇PePsPIPsC₇ PSP_μPrPsCl⁺C,P°C,PSC-Cl⁺C,C₇ Cl⁺P>C-Pr P°PrP°PiC,CrPIP°C,P_μ PrPsP·Cr
P·P°P>P_μP_μPSPs PIC-Pr Cl⁺C,CrPiP_μPSCl₂ PiPsC₇Cr₇C_μP_μPSPSCl₂ C_μ,CrPSP_μC†C-C— PSP_μC₇PsPe
(PeP>C-C₇P_μPSCl⁺Cr PeC₇P_μP°C,P_μPSC-PSC₇).

P_μPsP±C...C-PrPSC-Cl⁺C,CH₃ PrC-P°P>C-P·Cr₇. P''C-P°P>C-P·PSP_μPN₂ PeP>C-C₇P_μPSCl⁺
PiP_μC₇P_μPSPrPsPiC₇P_μP>P°C,Cr Cl⁺C,P°PSPsPIP_μC,CH₃ 70 PjP>/C...PI.

P_μPeC₇PsP· PiP_μC†C-PSP_μPe. P_μC-PSP_μC,P_μPeP° PiP_μC₇P_μPSPrPsPiC₇P_μP>Cr
P·PjC-PSC₇C''C,CH₃Cl₂ Cl₂ C...PIPsC₇P_μPeC... PSP° C†P_μC₇PsP· PiP_μC†C-PSP_μPe:
PiP_μC†C-PSP_μPsPIP_μPN₂ PeP>C-C₇P_μPSCl⁺ PsCl⁺PSPsPIPSPsC— PjPsP>P_μPeCrP>P_μ
P·PSP_μP_μCl⁺C''C,CH₃Cl₂ PIP_μPIC-C†C-. PhPrPSP°Pe PeC-P>CH₃PeC-Cl⁺C,CH₃
CrC,PIPsC₇C₇PIP°PSPsPiPs PiP_μC₇P_μPSPrPsPiC₇P_μP>P°C,Cr PSP_μ P·PjP_μPSC_μCrC''C,CH₃Cl₂,
C-, PsC,P_μP_μ, C,P°PeP_μPj PiP°C†C-C''PSC,P°Pj PSP_μ PiPsC,C₇C-P±PSPs PiC-PrP±P_μC₇P°C,P_μ
PrPsP·Cr (PrP_μPI. C₇PsP·PrC-P>P_μ B<P_μPiPsCl⁺C-P± P·P°Cl⁺C,PsCl⁺CrPIP°PSPSCl₂ C,P°
PrPsP·P_μPeB> C,P° B<PhCl⁺PsP±P>P_μPIPsCl⁺C,C- P·P°Cl⁺C,PsCl⁺CrPIP°PSPSCl₂B>).

P_μP°C₇PjP°PePsPeC-PSP_μC,P_μC†PSC- PIP>P°Cl⁺C,P_μPIPsCl⁺C,C- C-PSP_μP°PiP°PjC-PrCr₇

PhP±Cl⁺PsC₇P±C†C-Cl₂. P†PSP_μP°PiP°PjC-Pr C_μPIP_μPrPePs C,P° PiPsPIPSC-Cl⁺C,C₇
PICl⁺PjPsPeC,CrC''C,CH₃Cl₂ Cl₂ C,C₇P°PIPSPsPjCr C,C₇P°PeC,C-. PhP°PeCl⁺P_μPjP°P>CH₃PSP°
PePsPSCl⁺P_μPSC,C₇P°C†C-Cl₂ Cl₂ PiP>P°P·PjC- PeC₇PsPIC- PrPsCl⁺Cl₂PiP°C''C,CH₃Cl₂
PiC₇P_μP±P>P_μPePSPs C†P_μC₇P_μP· 1 PiPsPrP_μPSCl⁺ PiC-Cl⁺P>Cl₂ PiP_μC₇PsC₇P°P>CH₃PSPsPiPs
PiC₇P_μPN₂PsPjCr PiC₇P_μPiP°C₇P°C,Cr.

P PsP·PiPsPrC-P>P. P—PIB₇TM Cl₂P·CrPIP°PSPSCl₂ P· PiC₇PsC,P_μC—PSP°PjP_μ PiP>P°P·PjP_μ
PeC₇PsPIC- Cl⁺C,P°PSPsPIP_μC,CH₃ 79 %.

P'C-PsC,C₇P°PSCl⁺C,PsC₇PjP°C†C-Cl₂ C,P° PIP_μPIP_μPrP_μPSPSCl₂. P_μP_μC₇iPsPr
PSP°P_μPIP_μPIP_μPrP_μPSPSCl₂ Cl⁺C,P°PSPsPIP_μC,CH₃ 14-24 PiPsPrP_μPSP_μ (Cr
Cl⁺P_μC₇P_μPrPSC₇PsPjCr B₇ 18 PiPsPrP_μPS). P_μPsPIC,PsC₇PSP_μPN₂ PiC₇P_μPN₂PsPj PSP_μ
PiC₇P_μP_μPIPsPrP_μC,CH₃ PrPs PeCr₇PjCrP>Cl₂C†C-C—. P'P_μPIP_μPrP_μPSPSCl₂ PiPsP>PsPIPSP_μPj
C†P_μPSPsPj PIC-PrP±CrPIP°C''C,CH₃Cl₂ C-P· Cl⁺P_μC†P_μC₇ (70 % PrPsP·P_μ) C,P°
C_μ,P_μPeP°P>C-Cl₂PjP_μ (22 %) Cr PIP_μPiP>Cl₂PrC- PSP_μP°PeC,P_μPIPsP_μPeC...
PjP_μC,P°P±PsP>C-C,C-PI.

PhCl⁺PsP±P>P_μPIC- PeP°C,P_μPiPsC₇C-C— PiP°C†C-C''PSC,C-PI

P_μPsC₇Cr₇C_μP_μPSPSCl₂ C_μ,CrPSP_μC†C-C— PSP_μC₇PsPe. PJ PiP°C†C-C''PSC,C-PI C-P·
PSP_μC₇PePsPIPsC₇ PSP_μPrPsCl⁺C,P°C,PSC-Cl⁺C,C₇ C_μ,P°C₇PjP°PePsPeC-PSP_μC,P_μC†PSC-
PiP°C₇P°PjP_μC,C₇P_μ PSP_μ P·PjC-PSC₇C₇C,CH₃Cl₂.

PuPsPI6Tm CIIIP·P°PSC- P· PiPμCTjPēPSPPrPsPiCTjPēP»PsPj: PiC-PiPμCTjC†C†C,P»PēPIC-C†C,CH
PrPs PrC-CTHC†PsC— CTjPμC†PsPIPēPSPē P°P±Ps PrPs P±C†PrCHB-CIIIPePsPiPs C-PSC€PsPiPs
C-PSPIc-P±C-C,PsCTjC† PjPμPα; P°PSPiC-PsPSPμPICCTjPsC,PēC†PSPēPNē PSP°P±CTjCIIPe
(PSP°P±CTjCIIPe PμPIC-PSPePμ) PI P°PSP°PjPSPμP·C-, PiPsPI6Tm CIIIP·P°PSPēPNē C-P·
PiPsPiPμCTjPμPrPSC-Pj P»C-PeC†PIP°PSPSCIIj C-PSPIc-P±C-C,PsCTjP°PjPē PjPμPα (PrPēPI.
CTjPsP·PrC-P» B«PhC†PsP±P»PēPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSCIIB»);
C†CTjPsPrP¶PμPSPēPNē P°P±Ps C-PrC-PsPiP°C,PēC†PSPēPNē
P°PSPiC-PsPSPμPICCTjPsC,PēC†PSPēPNē PSP°P±CTjCIIPe; PIP°PiC-C,PSC-C†C,CH P°P±Ps
PiP»P°PSC†PIP°PSPSCII PIP°PiC-C,PSPsC†C,C- (PrPēPI. CTjPsP·PrC-P»
B«P—P°C†C,PsC†C†PIP°PSPSCII C† PiPμCTjC-PsPr PIP°PiC-C,PSPsC†C,C- P°P±Ps
PiPsPrC†PIP°PSPSCII PiCTjC†PrPrCHB»); PsPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSCII P·
PiCTjPμPiP°CTjP°C,P°PjPē, C%Ps PjC-C†C,CIIc,CH P°P»C-C†PeC-CTjPμPS, PiP°C†C-C°PSC,P°Pj
P· C†C†PeCTjPsPIPēPj PrC-P°P±PμC,PsPj P°P±Ps P· PiPsCTjC†C€PμPSPSCIIj C„C†PSPeC†C-C—
PSPēCTjPsPe (C€PIPēPrPeC-C†C,CH PeP»C†P±PsC†PePsPIPsC— C„C-P»CHC,CTjP°C†C-C—
< 60 PjP»/C...PI/1,73 Pj²) (PrPēPI. CTjPsP·PrC-P»Pē B«P’P·P°C”PjPsPrC-CII P· C-PSC€PēPjPē
P»C-PeP°CTjC†CHPePēPjPē P·P°C†PsP±P°PjPē C,P° C-PSC€C- PIPēPrPē PIP·P°C”PjPsPrC-PNēB»
C- B«PαP°CTjPjP°PePsPrPēPSP°PjC-PeP°B»); PsPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSCII
P· C†P°PeC†P±C-C,CTjPēP»PsPj/PIP°P»C†P°CTjC,P°PSPsPj. P†PḲ-PḥP>P†PṽP·P PSPμ
P·P°C†C,PsC†PsPIC†PIP°C,Pē CTjP°PSC-C€Pμ PSC-P¶ C†PμCTjPμP· 36 PiPsPrPēPS PiC-C†P»CII
PiCTjPēPNēPsPjC† PsC†C,P°PSPSCHPsC— PrPsP·Pē
C†P°PeC†P±C-C,CTjPēP»C†/PIP°P»C†P°CTjC,P°PSC† (PrPēPI. CTjPsP·PrC-P»Pē
B«PhC†PsP±P»PēPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSCIIB» C- B«P’P·P°C”PjPsPrC-CII P·
C-PSC€PēPjPē P»C-PeP°CTjC†CHPePēPjPē P·P°C†PsP±P°PjPē C,P° C-PSC€C- PIPēPrPē
PIP·P°C”PjPsPrC-PNēB»); PμPeC†C,CTjP°PePsCTjPiPsCTjP°P»CHPSC- PjPμC,PsPrPē
P»C-PeC†PIP°PSPSCII, CIIPeC- PiCTjPēP·PIPsPrCIIc,CH PrPs PePsPSC,P°PeC,C† PeCTjPsPIC- P·
PSPμPiP°C,PēPIPSPs P·P°CTjCIIPrP¶PμPSPēPiPē PiPsPIPμCTjC...PSCIIjPē (PrPēPI. CTjPsP·PrC-P»

$\text{P}\bar{\text{K}}\text{P}\bar{\text{u}}\text{C}\bar{\text{I}}'\text{C}, \text{P}\bar{\text{u}}\text{C}\bar{\text{H}}\text{P}\text{S}\text{C}-\text{PrPSC}-\text{P}\bar{\text{i}}\text{C}\bar{\text{H}}\text{P}\text{S}\text{C}, \text{P}\bar{\text{e}}\text{P}\cdot\text{P}^\circ\text{P}\bar{\text{i}}\text{P}^\circ\text{P}\gg\text{C}\bar{\text{H}}\text{PSC}-\text{P}\gg\text{C}-\text{P}\bar{\text{e}}\text{P}^\circ\text{C}\bar{\text{H}}\text{C}\bar{\text{I}}'\text{C}\bar{\text{H}}\text{P}\bar{\text{e}}\text{C}-$
 $\text{P}\cdot\text{P}^\circ\text{C}\bar{\text{I}}'\text{P}\text{S}\text{P}\pm\text{P}\bar{\text{e}} (\text{P}\bar{\text{K}}\text{P}\bar{\text{u}}\text{P}-\text{P}-) (\text{C}\bar{\text{r}} \text{C}, \text{P}\text{S}\text{P}\bar{\text{j}}\text{C}\bar{\text{r}} \text{C}\bar{\text{t}}\text{P}\bar{\text{e}}\text{C}\bar{\text{I}}'\text{P}\gg\text{C}-\text{P}^\circ\text{C}\bar{\text{t}}\text{P}\bar{\text{u}}\text{C}, \text{P}\bar{\text{e}}\text{P}\gg\text{C}\bar{\text{I}}'\text{P}^\circ\text{P}\gg\text{C}-\text{C}\bar{\text{t}}\text{P}\bar{\text{e}}\text{P}\gg\text{P}\text{S}\text{P}\bar{\text{i}}\text{P}^\circ$
 $\text{P}\bar{\text{e}}\text{P}\bar{\text{e}}\text{C}\bar{\text{I}}'\text{P}\gg\text{P}\text{S}\text{C}, \text{P}^\circ \text{C}\bar{\text{r}} \text{PrP}\text{S}\text{P}\cdot\text{P}^\circ\text{C}\dots \geq 3 \text{P}\bar{\text{i}}/\text{PrP}\text{S}\text{P}\pm\text{C}\bar{\text{r}}).$ $\text{P}\bar{\text{u}}\text{C}\bar{\text{H}}\text{P}\bar{\text{e}} \text{P}\text{S}\text{PrP}\text{S}\text{P}\text{S}\text{C}\bar{\text{t}}\text{P}^\circ\text{C}\bar{\text{I}}'\text{P}\text{S}\text{P}\bar{\text{j}}\text{C}\bar{\text{r}}$
 $\text{P}\cdot\text{P}^\circ\text{C}\bar{\text{I}}'\text{C}, \text{P}\text{S}\bar{\text{C}}\bar{\text{I}}'\text{C}\bar{\text{r}}\text{P}\bar{\text{i}}\text{P}^\circ\text{P}\text{S}\text{PSC}-\text{C}-\text{P}\bar{\text{h}}\text{P}\bar{\text{u}}\text{P}\alpha \text{C}, \text{P}^\circ \text{P}\bar{\text{K}}\text{P}\bar{\text{u}}\text{P}-\text{P}-, \text{P}\text{S}\text{P}^\circ\text{P}\bar{\text{i}}\text{C}\bar{\text{H}}\text{P}\bar{\text{e}}\text{P}\bar{\text{e}}\text{P}\gg\text{P}^\circ\text{Pr}$

$P^{\circ}C \uparrow P_{\mu}C, P\ddot{e}P \gg C \uparrow P^{\circ}P \gg C - C \uparrow P\ddot{e}P \gg PsPIP_sC - PeP\ddot{e}C \uparrow P \gg PsC, P\ddot{e}C \uparrow$
 $P\ddot{i}C \uparrow P_sC, P\ddot{e}P \cdot P^{\circ}P\ddot{i}P^{\circ}P \gg CH\ddot{P}SP\ddot{e}C \dots PrPsP \cdot P^{\circ}C \dots, C - PSPiC - P \pm C - C, PsC \uparrow C - PI \ P \uparrow PhP'' - 2 \ C, P^{\circ}$
 $PSP_{\mu}C \uparrow P_{\mu}P \gg P_{\mu}PeC, P\ddot{e}PIPSP\ddot{e}C \dots P\acute{K}P_{\mu}P - P - , PjPsP \uparrow P \gg P\ddot{e}PIP_{\mu} \ P\ddot{i}PsC \uparrow P \gg P^{\circ}P \pm P \gg P_{\mu}PSPSC \uparrow$
 $P^{\circ}PSC, P\ddot{e}PiC - P\ddot{i}P_{\mu}C \uparrow C, P_{\mu}PSP \cdot P\ddot{e}PIPSP_sPiPs \ P_{\mu}C,, P_{\mu}PeC, C \uparrow. PhPrPSP_sC \uparrow P^{\circ}C \uparrow PSP_{\mu}$
 $P \cdot P^{\circ}C \uparrow C, PsC \uparrow C \uparrow PIP^{\circ}PSPSC \uparrow C - PhP_{\mu}P \propto C - P\acute{K}P_{\mu}P - P - PjPsP \uparrow P_{\mu} \ P\ddot{i}C \uparrow P\ddot{e}P \cdot PIP_{\mu}C \uparrow C, P\ddot{e}$
 $PrPs \ P\ddot{i}C - PrPIP\ddot{e}C \% P_{\mu}PSPSC \uparrow C \uparrow P\ddot{e}P \cdot P\ddot{e}PeC \uparrow \ P\ddot{i}PsPiC - C \uparrow C \uparrow P_{\mu}PSPSC \uparrow$
 $C,, C \uparrow PSPeC \uparrow C - C - PSP\ddot{e}C \uparrow PsPe, C \uparrow C, PsPjC \uparrow C \uparrow P\ddot{e}C \uparrow P \gg C - PrPs \ C \uparrow PsP \cdot PIP\ddot{e}C, PeC \uparrow$
 $PiPsC \uparrow C, C \uparrow PsC - PSP\ddot{e}C \uparrow PePsPIP_sC - PSP_{\mu}PrPsC \uparrow C, P^{\circ}C, PSP_sC \uparrow C, C - , C, P^{\circ}$
 $P\ddot{i}C - PrPIP\ddot{e}C \% P_{\mu}PSPSC \uparrow C \uparrow C - PIPSC \uparrow PeP^{\circ}P \gg C - C \uparrow PI \ C \uparrow P\ddot{e}C \uparrow PsPIP^{\circ}C, C \uparrow C -$
 $PeC \uparrow PsPIC - , PsC \uparrow PsP \pm P \gg P\ddot{e}PIPs \ C \uparrow P\ddot{i}P^{\circ}C \uparrow C - C''PSC, C - PI \ C - P \cdot P\ddot{i}PsC \uparrow C \uparrow C \uparrow P_{\mu}PSPSC \uparrow Pj$
 $C,, C \uparrow PSPeC \uparrow C - C - PSP\ddot{e}C \uparrow PsPe. P\ddot{y}P^{\circ}PeC \uparrow \ PePsPjP \pm C - PSP^{\circ}C \uparrow C - C \uparrow C \uparrow P \gg C - Pr$
 $P\ddot{i}C \uparrow P\ddot{e}P \cdot PSP^{\circ}C \uparrow P^{\circ}C, P\ddot{e}P \cdot PsP \pm P_{\mu}C \uparrow P_{\mu}P \uparrow PSC - C \uparrow C, C \uparrow, PsC \uparrow PsP \pm P \gg P\ddot{e}PIPs$
 $C \dots PIP_sC \uparrow P\ddot{e}Pj \ P \gg C - C, PSCH\ddot{P}sPiPs \ PIC - PeC \uparrow. P_{\mu}P^{\circ}C \uparrow C - C''PSC, P^{\circ}Pj$
 $PSP_{\mu}PsP \pm C \dots C - PrPSP_s \ PIC - PrPSP_sPIP\ddot{e}C, P\ddot{e} \ PIP_sPrPSP\ddot{e}PN_{\circ} \ P \pm P^{\circ}P \gg P^{\circ}PSC \uparrow \ PrPs$
 $P\ddot{i}PsC \uparrow P^{\circ}C, PeC \uparrow \ P \gg C - PeC \uparrow PIP^{\circ}PSPSC \uparrow \ C, P^{\circ} \ PePsPSC, C \uparrow PsP \gg C \uparrow PIP^{\circ}C, P\ddot{e}$
 $C,, C \uparrow PSPeC \uparrow C - C \uparrow PSP\ddot{e}C \uparrow PsPe \ PSP^{\circ} \ P\ddot{i}PsC \uparrow P^{\circ}C, PeC \uparrow \ C - PIP\ddot{i}C \uparrow PsPrPsPIP \uparrow$
 $PePsPjP \pm C - PSP_sPIP^{\circ}PSP_sC - C, P_{\mu}C \uparrow P^{\circ}PiC - C - .$

PhPrPSP_sC \uparrow P^{\circ}C \uparrow PSP_{\mu} \ P \cdot P^{\circ}C \uparrow C, PsC \uparrow C \uparrow PIP^{\circ}PSPSC \uparrow, C \% Ps \ P\ddot{i}PsC, C \uparrow P_{\mu}P \pm C \uparrow C'' \ C \uparrow PIP^{\circ}PiP\ddot{e}

$P \uparrow PjC - P\ddot{i}C \uparrow P^{\circ}PjC - PSP_sP\ddot{i}PsPrC - P \pm PSC - (C, C \uparrow P\ddot{e}C \uparrow P\ddot{e}PeP \gg C - C \uparrow PSC -)$
 $P^{\circ}PSC, P\ddot{e}PrP_{\mu}P\ddot{i}C \uparrow P_{\mu}C \uparrow P^{\circ}PSC, P\ddot{e}, PSP_{\mu}PN_{\circ}C \uparrow PsP \gg P_{\mu}PiC, P\ddot{e}C \uparrow PSC - P \cdot P^{\circ}C \uparrow PsP \pm P\ddot{e}.$
 $P_{\mu}PsC \uparrow P\ddot{e}P \gg C \uparrow C \uparrow C, CH \ P^{\circ}PSC, P\ddot{e}PiC - P\ddot{i}P_{\mu}C \uparrow C, P_{\mu}PSP \cdot P\ddot{e}PIPSC \uparrow \ PrC - C \uparrow C, P^{\circ}$
 $P\ddot{i}C - PrPIP\ddot{e}C \% C \uparrow C \uparrow C, CH \ C \uparrow P\ddot{e}P \cdot P\ddot{e}Pe \ C \uparrow PsP \cdot PIP\ddot{e}C, PeC \uparrow \ PsC \uparrow C, PsC \uparrow C, P^{\circ}C, P\ddot{e}C \uparrow PSP_sC -$
 $PiC - P\ddot{i}PsC, P_{\mu}PSP \cdot C - C - (P^{\circ}PrP\ddot{e}C, P\ddot{e}PIPSP\ddot{e}PN_{\circ} \ P_{\mu}C,, P_{\mu}PeC,,).$

$P'P \cdot P^{\circ}C''PjPsPrC - C - , P\ddot{i}PsPI_{\theta} \uparrow C \uparrow P \cdot P^{\circ}PSC - P \cdot P\ddot{i}P_{\mu}C \uparrow P\ddot{e}PSPPrPsP\ddot{i}C \uparrow P\ddot{e}P \gg PsPj$

$P''P^{\circ}PSC - PeP \gg C - PSC - C \uparrow PSP\ddot{e}C \dots PrPsC \uparrow P \gg C - PrP \uparrow P_{\mu}PSCH \ C \uparrow PIC - PrC \uparrow P^{\circ}C, CH, C \% Ps$
 $P\ddot{i}PsPrPIC - PN_{\circ}PSP^{\circ} \ P \pm P \gg PsPeP^{\circ}PrP^{\circ} \ C \uparrow P_{\mu}PSC - PS - P^{\circ}PSPiC - PsC, P_{\mu}PSP \cdot P\ddot{e}PS -$
 $P^{\circ}P \gg CHPrPsC \uparrow C, P_{\mu}C \uparrow PsPSP_sPIP_sC - C \uparrow P\ddot{e}C \uparrow C, P_{\mu}PjP\ddot{e} \ (P \ PhP \ P\ddot{y}) \ PIPSP^{\circ}C \uparrow P \gg C - PrPsPe$
 $PsPrPSP_sC \uparrow P^{\circ}C \uparrow PSP_sPiPs \ P \cdot P^{\circ}C \uparrow C, PsC \uparrow C \uparrow PIP^{\circ}PSPSC \uparrow C - PhP_{\mu}P \propto, P \pm P \gg PsPeP^{\circ}C, PsC \uparrow C - PI$
 $C \uparrow P_{\mu}C \uparrow P_{\mu}PiC, PsC \uparrow C - PI \ P^{\circ}PSPiC - PsC, P_{\mu}PSP \cdot P\ddot{e}PSC \uparrow \ P \uparrow P \uparrow \ P^{\circ}P \pm Ps \ P^{\circ}P \gg C - C \uparrow PeC - C \uparrow P_{\mu}PSC \uparrow$
 $P\ddot{i}PsPI_{\theta} \uparrow C \uparrow P \cdot P^{\circ}PSP^{\circ} \ P \cdot C - P \cdot P \pm C - P \gg CHC \uparrow P_{\mu}PSPSC \uparrow Pj \ C \uparrow P^{\circ}C \uparrow C, PsC, P\ddot{e}$
 $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC \uparrow \ C, P^{\circ}PeP\ddot{e}C \dots P\ddot{i}PsP \pm C - C \uparrow PSP\ddot{e}C \dots C \uparrow P_{\mu}P^{\circ}PeC \uparrow C - PN_{\circ}, C \uparrow Pe$
 $PiC - P\ddot{i}PsC, P_{\mu}PSP \cdot C - C \uparrow, PiC - P\ddot{i}P_{\mu}C \uparrow PeP^{\circ}P \gg C - C''PjC - C \uparrow C, P^{\circ} \ P\ddot{i}PsPiC - C \uparrow C \uparrow P_{\mu}PSPSC \uparrow$
 $C,, C \uparrow PSPeC \uparrow C - C - PSP\ddot{e}C \uparrow PsPe \ (C \uparrow C, PsPjC \uparrow C \uparrow P\ddot{e}C \uparrow P \gg C - PiPsC \uparrow C, C \uparrow P^{\circ} \ PSP\ddot{e}C \uparrow PePsPIP^{\circ}$
 $PSP_{\mu}PrPsC \uparrow C, P^{\circ}C, PSC - C \uparrow C, CH), P\ddot{i}PsC \uparrow C - PIPSC \uparrow PSP_s \ C - P \cdot P \cdot P^{\circ}C \uparrow C, PsC \uparrow C \uparrow PIP^{\circ}PSPSC \uparrow Pj$
 $PsPrPSP_sPiPs \ P\ddot{i}C \uparrow P_{\mu}P\ddot{i}P^{\circ}C \uparrow P^{\circ}C, C \uparrow, C \% Ps \ PIP\ddot{i}P \gg P\ddot{e}PIP^{\circ}C'' \ PSP^{\circ} \ P \ PhP \ P\ddot{y} \ (PrP\ddot{e}PI.$
 $C \uparrow PsP \cdot PrC - P \gg P\ddot{e} \ B \ll P_{\mu}C \uparrow PsC, P\ddot{e}P\ddot{i}PsPeP^{\circ}P \cdot P^{\circ}PSPSC \uparrow B \gg, B \ll PhC \uparrow PsP \pm P \gg P\ddot{e}PIPsC \uparrow C, C -$
 $P \cdot P^{\circ}C \uparrow C, PsC \uparrow C \uparrow PIP^{\circ}PSPSC \uparrow B \gg \ C, P^{\circ} \ B \ll P \propto P^{\circ}C \uparrow PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC - PeP^{\circ}B \gg).$

$P \gg C - PeP^{\circ}C \uparrow C \uparrow CHPeC - P \cdot P^{\circ}C \uparrow PsP \pm P\ddot{e}, C \% Ps \ PiC - PrPIP\ddot{e}C \% C \uparrow C \uparrow C, CH \ C \uparrow P\ddot{e}P \cdot P\ddot{e}Pe$
 $C \uparrow PsP \cdot PIP\ddot{e}C, PeC \uparrow \ P^{\circ}PSPiC - PsPSP_{\mu}PIC \uparrow PsC, P\ddot{e}C \uparrow PSP_sPiPs \ PSP^{\circ}P \pm C \uparrow C \uparrow PeC \uparrow.$
 $PhPrPSP_sC \uparrow P^{\circ}C \uparrow PSP_{\mu} \ P \cdot P^{\circ}C \uparrow C, PsC \uparrow C \uparrow PIP^{\circ}PSPSC \uparrow C - PhP_{\mu}P \propto \ P \cdot$
 $C \uparrow P^{\circ}PeC \uparrow P \pm C - C, C \uparrow P\ddot{e}P \gg PsPj/PIP^{\circ}P \gg C \uparrow P^{\circ}C \uparrow C, P^{\circ}PSP_sPj \ P\ddot{i}C \uparrow PsC, P\ddot{e}P\ddot{i}PsPeP^{\circ}P \cdot P^{\circ}PSP_{\mu},$
 $PsC \uparrow PeC - P \gg CHPeP\ddot{e} \ C \uparrow P_{\mu} \ PiC - PrPIP\ddot{e}C \% C \uparrow C'' \ C \uparrow P\ddot{e}P \cdot P\ddot{e}Pe \ C \uparrow PsP \cdot PIP\ddot{e}C, PeC \uparrow$
 $P^{\circ}PSPiC - PsPSP_{\mu}PIC \uparrow PsC, P\ddot{e}C \uparrow PSP_sPiPs \ PSP^{\circ}P \pm C \uparrow C \uparrow PeC \uparrow. \ P \ PsP \cdot P\ddot{i}PsC \uparrow P\ddot{e}PSP^{\circ}C, P\ddot{e}$
 $P \cdot P^{\circ}C \uparrow C, PsC \uparrow C \uparrow PIP^{\circ}PSPSC \uparrow \ C \uparrow P^{\circ}PeC \uparrow P \pm C - C, C \uparrow P\ddot{e}P \gg C \uparrow /PIP^{\circ}P \gg C \uparrow P^{\circ}C \uparrow C, P^{\circ}PSC \uparrow \ C \uparrow P \gg C - Pr \ PSP_{\mu}$
 $C \uparrow P^{\circ}PSC - C \uparrow P_{\mu} \ PSC - P \uparrow \ C \uparrow P_{\mu}C \uparrow P_{\mu}P \cdot \ 36 \ PiPsPrP\ddot{e}PS \ PiC - C \uparrow P \gg C \uparrow \ P\ddot{i}C \uparrow P\ddot{e}PN_{\circ}PsPjC \uparrow$

PsCfC,P°PSPSCHbPsC— PrPsP·Pë PiPµCtjPëPSPPrPsPïCtjPëP»Cf. PÿPµCtjP°PïC-Cf
PiPµCtjPëPSPPrPsPïCtjPëP»PsPj CtjPsP·PiPsC±PëPSP°C,Pë PSPµ CtjP°PSC-C€Pµ PSC-P¶
C±PµCtjPµP· 36 PiPsPrPëPS PiC-CfP»C¶ PiCtjPëPNëPsPjCf PsCfC,P°PSPSCHbPsC— PrPsP·Pë
CfP°PeCfP±C-C,CtjPëP»Cf/PIP°P»CfP°CtjC,P°PSCf (PrPëPI. CtjPsP·PrC-P»Pë
B«PµCtjPsC,PëPiPsPeP°P·P°PSPSC¶B» C,P° B«PhCfPsP±P»PëPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSC¶B»).

PhPrPSPsC±P°CfPSPµ P·P°CfC,PsCfCfPIP°PSPSC¶ C-PñPµPα P·
CtjP°C†PµPeP°PrPsC,CtjPëP»PsPj, C-PSPiC-P±C-C,PsCtjP°PjPë mTOR (PSP°PïCtjPëPeP»P°Pr
CfPëCtjPsP»C-PjCfCfPsPj, PµPIPµCtjPsP»C-PjCfCfPsPj, C,PµPjCfPëCtjPsP»C-PjCfCfPsPj) C,P°
PiP»C-PïC,PëPSP°PjPë (PSP°PïCtjPëPeP»P°Pr P»C-PSP°PiP»C-PïC,PëPSPsPj,
CfP°PeCfP°PiP»C-PïC,PëPSPsPj, CfPëC,P°PiP»C-PïC,PëPSPsPj,
PIC-P»CHbPrP°PiP»C-PïC,PëPSPsPj) PjPsP¶Pµ PiCtjPëP·PIPµCfC,Pë PrPs
PiC-PrPIPëC%PµPSPSC¶ CtjPëP·PëPeCf CtjPsP·PIPëC,PeCf
P°PSPiC-PsPSPµPICtjPsC,PëC±PSPsPiPs PSP°P±CtjC¶PeCf (PrPëPI. CtjPsP·PrC-P»
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B»).

P>C-PeP°CtjCfCHbPeC- P·P°CfPsP±Pë, C¶PeC- CfPiCtjPëC±PëPSC¶CtjC,CH
PiC-PiPµCtjPeP°P»C-C”PjC-Cf. P C-PIPµPSCb PeP°P»C-Cf PI CfPëCtjPsPIP°C,C†C-
PeCtjPsPIC- P·P°P·PIPëC±P°PNë P·P°P»PëC€P°C”C,CHbCfC¶ PI PjPµP¶P°C... PSPsCtjPjPë,
P°P»Pµ Cf PrPµC¶PePëC... PiP°C†C-C”PSC,C-PI, C¶PeC- P·P°CfC,PsCfPsPICfCtjC,CH
P†Pk-PñP>P†PÿP·P , PjPsP¶Pµ PIPëPSPëPePSCfC,Pë PiC-PiPµCtjPeP°P»C-C”PjC-C¶. P”PµC¶PeC-
PiCtjPµPiP°CtjP°C,Pë P°P±Ps C,PµCtjP°PiPµPIC,PëC±PSC- PeP»P°CfPë, C,P°PeC- C¶Pe
P°P»C-CfPeC-CtjPµPS, CfPsP»C- PeP°P»C-Cf, PeP°P»C-PNëP·P±PµCtjC-PiP°CtjC±C-
PrC-CfCtjPµC,PëPePë (PSP°PïCtjPëPeP»P°Pr CfPïC-CtjPsPSPsP»P°PeC,PsPS,
C,CtjPëP°PjC,PµCtjPµPS P°P±Ps P°PjC-P»PsCtjPëPr), C-PñPµPα, P°PSC,P°PiPsPSC-CfC,Pë
CtjPµC†PµPiC,PsCtjC-PI P°PSPiC-PsC,PµPSP·PëPSCf P†P†, PkPµP—P—, PiPµPiP°CtjPëPSPë,
C-PjCfPSPsPrPµPiCtjPµCfPëPIPSC- P·P°CfPsP±Pë (C,P°PeC- C¶Pe C†PëPeP»PsCfPiPsCtjPëPS
P°P±Ps C,P°PeCtjPsP»C-PjCfCf C,P° PePs-C,CtjPëPjPsPeCfP°P·PsP»
(C,CtjPëPjPµC,PsPiCtjPëPj/CfCfP»CHbC,,P°PjPµC,PsPeCfP°P·PsP»), PsCfPeC-P»CHbPePë
C,CtjPëPjPµC,PsPiCtjPëPj PrC-C” C¶Pe PeP°P»C-PNëP·P±PµCtjC-PiP°CtjC±PëPNë
PrC-CfCtjPµC,PëPe PiPsPrC-P±PSPs PrPs P°PjC-P»PsCtjPëPrCf, PjPsP¶CfC,CH
CfPiCtjPëC±PëPSPëC,Pë PIPëPSPëPePSPµPSPSC¶ PiC-PiPµCtjPeP°P»C-C”PjC-C—.
PñPsPjP±C-PSP°C†C-C¶ C†PëC... PiCtjPµPiP°CtjP°C,C-PI P·P±C-P»CHbC€CfC” CtjPëP·PëPe
PIPëPSPëPePSPµPSPSC¶ PiC-PiPµCtjPeP°P»C-C”PjC-C—. PÿPsPjCf PsPrPSPsC±P°CfPSPµ
P·P°CfC,PsCfCfPIP°PSPSC¶ P»C-PeP°CtjCfCHbPePsPiPs P·P°CfPsP±Cf P†Pk-PñP>P†PÿP·P P·
PIPëC%PµP·P°P·PSP°C±PµPSPëPjPë PiCtjPµPiP°CtjP°C,P°PjPë PSPµ
CtjPµPePsPjPµPSPPrPsPIP°PSPs. PiPeC%Ps PsPrPSPsC±P°CfPSPµ P·P°CfC,PsCfCfPIP°PSPSC¶
C†PëC... CtjPµC±PsPIPëPS C” PSPµPsP±C...C-PrPSPëPj, C—C... CfP»C-Pr
P·P°CfC,PsCfPsPICfPIP°C,Pë P· PsP±PµCtjPµP¶PSC-CfC,Cf C,P° PiCtjPsPIPsPrPëC,Pë
C±P°CfC,PëPNë PjPsPSC-C,PsCtjPëPSPi CtjC-PIPSC¶B PeP°P»C-Cf Cf CfPëCtjPsPIP°C,C†C-
PeCtjPsPIC-.

*PhPrPSPsC±P°CfPSPµ P·P°CfC,PsCfCfPIP°PSPSC¶ PiCtjPsC,PëPiPsPeP°P·P°PSPµ (PrPëPI.
CtjPsP·PrC-P» B«PµCtjPsC,PëPiPsPeP°P·P°PSPSC¶B»)*

PñP»C-CfPeC-CtjPµPS. Pj PiP°C†C-C”PSC,C-PI P· C†CfPeCtjPsPIPëPj PrC-P°P±PµC,PsPj P°P±Ps
P· PiPsCtjCfC€PµPSPSC¶Pj C,,CfPSPeC†C-C— PSPëCtjPsPe P·P±C-P»CHbC€CfC”C,CHbCfC¶
CtjPëP·PëPe PIPëPSPëPePSPµPSPSC¶ PiC-PiPµCtjPeP°P»C-C”PjC-C—, PiPsPiC-CtjC€PµPSPSC¶
C,,CfPSPeC†C-C— PSPëCtjPsPe C- CfPµCtjC†PµPIPs-CfCfPrPëPSPSPsC—
P·P°C...PIPsCtjCHPIP°PSPsCfC,C- C,P° P»PµC,P°P»CHbPSPsCfC,C-.

P·PeCfC, CḡP°PePsCḡPīPsCḡP°P»CHbPSC- PjPμC, PsPrPē P»C-PeCfPIP°PSPSCl, CłPeC-
PīCḡPēP·PIPsPrCłC, CH PrPs PePsPSC, P°PeC, Cř PeCḡPsPIC- P·PSPμPīP°C, PēPIPSPs
P·P°CḡCłPPrP¶PμPSPēPjPē PīPsPIPμCḡC...PSCłPjPē, C, P°PePēPjPē CłPe PrC-P°P»C-P·P°P±Ps
PiPμPjPsC,, C-P»CHbC, CḡP°C†C-Cł C-P·PIPēPePsCḡPēCfC, P°PSPSCłPj PīPμPIPSPēC...
PjPμPjP±CḡP°PS C-P·PIPēCfPsPePsCḡ PiC-PrCḡP°PIP»C-C†PSPsCḡ PīCḡPsPSPēPePSC-CfC, Cḡ
(PSP°PīCḡPēPeP»P°Pr PīPsP»C-P°PeCḡPēP»PsPSC-C, CḡPēP»PsPIPēC...) C, P°P°C,, PμCḡPμP·
P>P&P© C-P·P·P°CfC, PsCfCřPIP°PSPSCłPj PrPμPeCfC, CḡP°PSCř CfCřP»CHbC,, P°C, Cř,
C†PμCḡPμP·PīC-PrPIPēC%oPμPSPēPNē CḡPēP·PēPe CḡPsP·PIPēC, PeCř
P°PSP°C,, C-P»P°PeC, PsC—PrPSPēC... CḡPμP°PeC†C-PNē C, CłP¶PePsPiPs CfC, CřPiPμPSCł
(PrPēPI. CḡPsP·PrC-P»B«PμCḡPsC, PēPīPsPeP°P·P°PSPSCłB»). Pj CḡP°P·C-
PSPμPsP±C...C-PrPSPsCfC, C- PīCḡPsPIPμPrPμPSPSCł C, P°PePsPiPs P»C-PeCfPIP°PSPSCł
CfP»C-Pr CḡPsP·PiP»CłPSCřC, Pē PjPsP¶P»PēPIC-CfC, CH PIPēPePsCḡPēCfC, P°PSPSCł
PrC-P°P»C-P·PSPsC— PjPμPjP±CḡP°PSPē C-PSCēPsPiPs C, PēPīCř P°P±Ps
P·P°CfC, PsCfCřPIP°PSPSCł C-PSCēPsPiPs PeP»P°CfCř
P°PSC, PēPiC-PiPμCḡC, PμPSP·PēPIPSPēC... P·P°CfPsP±C-PI.

PḡPrPSPsC†P°CfPSPμ P·P°CfC, PsCfCžPIP°PSPSCł PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPμ

PḡP»C-CfPeC-CḡPμPS. Pj PICfC-C... C-PSCēPēC... PiCḡCřPiP°C... PīP°C†C-C"°PSC, C-PI, CłPe C-
Cř PīP°C†C-C"°PSC, C-PI P·C†CřPeCḡPsPIPēPj PrC-P°P±PμC, PsPj P°P±Ps P·
PīPsCḡCřCēPμPSPSCłPj C,, CřPSPeC†C-C— PSPēCḡPsPe, P·P±C-P»CHbCēCřC"°C, CHbCfCł
CḡPēP·PēPe PIPēPSPēPePSPμPSPSCł PiC-PiPμCḡPeP°P»C-C"°PjC-C—, PīPsPiC-CḡCēPμPSPSCł
C,, CřPSPeC†C-C— PSPēCḡPsPe C- CfPμCḡC†PμPIPs-CfCřPrPēPSPSPsC—
P·P°C...PIPsCḡCḡPIP°PSPsCfC, C- C, P°P»PμC, P°P»CHbPSPsCfC, C- (PrPēPI. CḡPsP·PrC-P»
B«PḡCfPsP±P»PēPIPsCfC, C- P·P°CfC, PsCfCřPIP°PSPSCłB»).

PŸCřPīCřC, PSCł C, PμCḡP°PīC-Cł C-PḡPμPḡ C- P±P»PsPeP°C, PsCḡPsPj CḡPμC†PμPīC, PsCḡC-PI
P°PSPiC-PsC, PμPSP·PēPSCř. PμPsPIC-PrPsPjP»CłP»PsCfCł, C%oPs Cř PīP°C†C-C"°PSC, C-PI P·C-
PICfC, P°PSPsPIP»PμPSPēPj P°C, PμCḡPsCfPeP»PμCḡPsP·PsPj, CfPμCḡC†PμPIPsCḡ
PSPμPrPsCfC, P°C, PSC-CfC, Cḡ P°P±Ps Cř C...PIPsCḡPēC... PSP° C†CřPeCḡPsPIPēPNē
PrC-P°P±PμC, P·CřCḡP°P¶PμPSPSCłPj PsCḡPiP°PSC-PI-PjC-CēPμPSPμPNē CfCřPīCřC, PSCł
C, PμCḡP°PīC-Cł C-PḡPμPḡ C, P°P±P»PsPeP°C, PsCḡPsPj CḡPμC†PμPīC, PsCḡC-PI
P°PSPiC-PsC, PμPSP·PēPSCř CfCřPīCḡPsPIPsPrP¶CřPIP°P»P°CfCH PīC-PrPIPēC%oPμPSPSCłPj
C†P°CfC, PsC, Pē PIPēPSPēPePSPμPSPSCł P°CḡC, PμCḡC-P°P»CHbPSPsC—
PiC-PiPsC, PμPSP·C-C—, PSPμPīCḡPēC, PsPjPSPsCfC, C-, PiC-PiPμCḡPeP°P»C-C"°PjC-C— C, P°
PīPsPiC-CḡCēPμPSPSCłPj C,, CřPSPeC†C-C— PSPēCḡPsPe (Cř C, PsPjCř C†PēCfP»C-
PiPsCfC, CḡPsC— PSPēCḡPePsPIPsC— PSPμPrPsCfC, P°C, PSPsCfC, C-) PīPsCḡC-PIPSCłPSPs P·
P·P°CfC, PsCfCřPIP°PSPSCłPj PsPrPSPsPiPs PīCḡPμPīP°CḡP°C, Cř, C%oPs PIPiP»PēPIP°C"°PSP°
P PḡPḡPŸ. P—P°CfC, PsCfCřPIP°PSPSCł PīPsPrPIC-PNēPSPsC— P±P»PsPeP°PrPē (C, PsP±C, Ps
PePsPjP±C-PSP°C†C-C— C-PḡPμPḡ C, P°P°PSC, P°PiPsPSC-CfC, P°CḡPμC†PμPīC, PsCḡC-PI
P°PSPiC-PsC, PμPSP·PēPSCř P†P†) PjPsP¶P»PēPIPμ C, C-P»CHbPePē PI PsPeCḡPμPjPēC...
PIPēPīP°PrPeP°C... P·P° CřPjPsPIPē CḡPμC, PμP»CHbPSPsPiPs PePsPSC, CḡPsP»Cḡ
C,, CřPSPeC†C-C— PSPēCḡPsPe, CḡC-PIPSCł PeP°P»C-Cḡ PI PeCḡPsPIC- C, P°
P°CḡC, PμCḡC-P°P»CHbPSPsPiPs C, PēCfPeCř (PrPēPI. CḡPsP·PrC-P»
B«PḡCfPsP±P»PēPIPsCfC, C- P·P°CfC, PsCfCřPIP°PSPSCłB»).

P·CfC, CḡP°PjCřCfC, PēPS. P†CfPSCřC"° CḡPēP·PēPe P·P±C-P»CHbCēPμPSPSCł C†P°CfC, PsC, Pē
PIPēPSPēPePSPμPSPSCł PīPsP±C-C†PSPēC... CḡPμP°PeC†C-PNē, C, P°PePēC... CłPe
P°PSPiC-PsPSPμPICḡPsC, PēC†PSPēPNē PSP°P±CḡCłPe (P°PSPiC-PsPμPrPμPjP°).

PḡP°P»C-PNēP·P±PμCḡC-PiP°CḡC†C- PrC-CřCḡPμC, PēPePē (PSP°PīCḡPēPeP»P°Pr
C, CḡPēP°PjC, PμCḡPμPS, P°PjC-P»PsCḡPēPr), PeP°P»C-PNē (CfPsP»C-). P†CfPSCřC"° CḡPēP·PēPe

PIPëPSPëPePSPµPSPSCİİ PiC-PiPµCḡPeP°P»C-C"ḡPjC-C— (PiPsC,PµPSC†C-PNëPSPs
P»PµC,P°P»CHbPSPsC—), PsC†PsP±P»PëPIPs Cr PiP°C†C-C"ḡPSC,C-PI C-P·
PiPsCḡCrCëPµPSPSCİİPj C,,CrPSPeC†C-C— PSPëCḡPsPe (P°PrPëC,PëPIPSPëPNë
PiC-PiPµCḡPeP°P»C-C"ḡPjC-C†PSPëPNë PµC,,PµPeC,). PḡPsPjP±C-PSP°C†C-Cİİ
PiPµCḡPëPSPPrPsPiCḡPëP»Cr P· PIPëC%PµP·P°P·PSP°C†PµPSPëPjPë PiCḡPµPiP°CḡP°C,P°PjPë
PSPµ CḡPµPePsPjPµPSPPrPsPIP°PSP° (PrPëPI. CḡPsP·PrC-P» B«PhC†PsP±P»PëPIPsC†C,C-
P·P°C†C,PsC†CrPIP°PSPSCİİB»). Pj CḡP°P·C- CİİPeC%Ps PsPrPSPsC†P°C†PSPµ
P·P°C†C,PsC†CrPIP°PSPSCİİ CrC†Pµ P¶ C,P°PePë PiPsPeP°P·P°PSPs, C—C... C†P»C-Pr
P·P°C†C,PsC†PsPIC†PIP°C,Pë P· PsP±PµCḡPµP¶PSC-C†C,Cḡ C- P· C†P°C†C,PëPj
PePsPSC,CḡPsP»PµPj CḡC-PIPSCİİ PeP°P»C-Cḡ PI C†PëCḡPsPIP°C,C†C- PeCḡPsPIC-.
P†PSC,,PsCḡPjP°C†C-Cİİ PiCḡPs P·P°C†C,PsC†CrPIP°PSPSCİİ C†PiC-CḡPsPSPsP»P°PeC,PsPSC†
PiP°C†C-C"ḡPSC,P°Pj C-P· C†PµCḡC†PµPIPsCḡ PSPµPrPsC†C,P°C,PSC-C†C,Cḡ PSP°PIPµPrPµPSP°
PI PiC†PSPeC,C- B«PhPrPSPsC†P°C†PSPµ P·P°C†C,PsC†CrPIP°PSPSCİİ, C%Ps
PiPsC,CḡPµP±CrC" PsC†PsP±P»PëPIPsC— CrPIP°PiPëB».

*PhPrPSPsC†P°C†PSPµ P·P°C†C,PsC†CḡPIP°PSPSCİİ, C%Ps PiPsC,CḡPµP±CḡC"
PsC†PsP±P»PëPIPsC— CḡPIP°PiPë*

PµCḡPsC,PëPrC-P°P±PµC,PëC†PSC- P·P°C†PsP±Pë (C-PSC†CrP»C-PS,
PiC-PiPsPiP»C-PePµPjC-C†PSC- P·P°C†PsP±Pë PrP»Cİİ PiPµCḡPsCḡP°P»CHbPSPsPiPs
P·P°C†C,PsC†CrPIP°PSPSCİİ). PhPrPSPsC†P°C†PSPµ P·P°C†C,PsC†CrPIP°PSPSCİİ C-PḡPµPḡ C-
PiCḡPsC,PëPrC-P°P±PµC,PëC†PSPëC... PiCḡPµPiP°CḡP°C,C-PI (C-PSC†CrP»C-PSPë,
PiC-PiPsPiP»C-PePµPjC-C†PSC- P·P°C†PsP±Pë PrP»Cİİ PiPµCḡPsCḡP°P»CHbPSPsPiPs
P·P°C†C,PsC†CrPIP°PSPSCİİ) PjPsP¶Pµ PiPsC†PëP»PëC,Pë
C†CrPeCḡPsP·PSPëP¶CrPIP°P»CHbPSPëPNë PµC,,PµPeC, P· CḡPëP·PëPePsPj CḡPsP·PIPëC,PeCr
PiC-PiPsPiP»C-PePµPjC-C—. PiPµPNë C,,PµPSPsPjPµPS PjPsP¶Pµ PIPëPSPëPeP°C,Pë
PiCḡPsC,CİİPiPsPj PiPµCḡCëPëC... C,PëP¶PSC-PI PePsPjP±C-PSPsPIP°PSPsPiPs
P»C-PeCrPIP°PSPSCİİ C,P° Cr PiP°C†C-C"ḡPSC,C-PI C-P· PiPsCḡCrCëPµPSPSCİİPj
C,,CrPSPeC†C-C— PSPëCḡPsPe.

P"ḡC-CrCḡPµC,PëPePë. Pj PiP°C†C-C"ḡPSC,C-PI, CİİPeC- PiCḡPëPNëPjP°CḡC,Cḡ
PrC-CrCḡPµC,PëPePë, PsC†PsP±P»PëPIPs P· PSP°CİİPIPSC-C†C,Cḡ PrPµC,,C-C†PëC,Cr PIPsPrPë
C,P° PSP°C,CḡC-Cḡ, PiC-C†P»Cİİ PiPsC†P°C,PeCr C,PµCḡP°PiC-C— C-PḡPµPḡ PjPsP¶Pµ
PSP°PrPjC-CḡPSPs P·PjPµPSCëPëC,PëC†Cİİ P°CḡC,PµCḡC-P°P»CHbPSPëPNë C,PëC†Pe.
P†PjPsPIC-CḡPSC-C†C,Cḡ CḡPsP·PIPëC,PeCr PiC-PiPsC,PµPSP·PëPIPSPëC... PµC,,PµPeC,C-PI
PjPsP¶Pµ P±CrC,Pë P·PSPëP¶PµPSP° CëP»CİİC...PsPj PIC-PrPjC-PSPë PiCḡPëPNëPsPjCr
PrC-CrCḡPµC,PëPeP°, PiC-PrPIPëC%PµPSPSCİİ PsP±bḡ™ C"ḡPjCr C†PëCḡPeCrP»CḡCḡC†PsC—
PeCḡPsPIC- P°P±Ps C†PiPsP¶PëPIP°PSPSCİİ C†PsP»C- PiPµCḡPµPr PiPsC†P°C,PePsPj
C,PµCḡP°PiC-C— PiPµCḡPëPSPPrPsPiCḡPëP»PsPj, CİİPeCr C†P»C-Pr CḡPsP·PiPsC†PëPSP°C,Pë P·
PSPëP·CHbPePsC— PrPsP·Pë P· PiPsC†C,CrPiPsPIPëPj C—C— PiC-PrPIPëC%PµPSPSCİİPj.
PµP°C†C-C"ḡPSC,P°Pj P· P°CḡC,PµCḡC-P°P»CHbPSPsCḡ PiC-PiPµCḡC,PµPSP·C-C"ḡC, PePsP»Pë
PiPsPiPµCḡPµPrPSCİİ C,PµCḡP°PiC-Cİİ PrC-CrCḡPµC,PëPePsPj PjPsPiP»P°
C†PiCḡPëC†PëPSPëC,Pë PrPµC,,C-C†PëC, PIPsPrPë/PSP°C,CḡC-Cḡ, C†P»C-Pr
PIC-PrPjC-PSPëC,Pë PiCḡPëPNëPsPj PrC-CrCḡPµC,PëPeP° PiPµCḡPµPr PiPsC†P°C,PePsPj
P·P°C†C,PsC†CrPIP°PSPSCİİ C-PḡPµPḡ (Cr C,P°PePsPjCr PIPëPiP°PrPeCr PiCḡPëPNëPsPj
PrC-CrCḡPµC,PëPeP° P· C†P°C†PsPj PjPsP¶Pµ P±CrC,Pë PiPsPSPsPIP»PµPSPs) P°P±Ps
CḡPsP·PiPsC†P°C,Pë P»C-PeCrPIP°PSPSCİİ C-PḡPµPḡ P· PSPëP·CHbPePsC— PrPsP·Pë P·
PiPsC†C,CrPiPsPIPëPj C—C— PiC-PrPIPëC%PµPSPSCİİPj. PµP°C†C-C"ḡPSC,P°Pj C-P·
P·P°C†C,C-PNëPSPsCḡ C†PµCḡC†PµPIPsCḡ PSPµPrPsC†C,P°C,PSC-C†C,Cḡ, CİİPeC-
P·P°C†C,PsC†PsPIC†CḡC,Cḡ PrC-CrCḡPµC,PëPe, P»C-PeCrPIP°PSPSCİİ C-PḡPµPḡ C†P»C-Pr
CḡPsP·PiPsC†PëPSP°C,Pë P· PjC-PSC-PjP°P»CHbPSPsC— PrPsP·Pë, PjPsP¶P»PëPIPs, PiC-C†P»Cİİ

P·PSPëP¶PµPSPSC¶ PrPsP·Pë PrC-CrC¶PµC,PëPeP°. PJ PICrC-C... PIPëPiP°PrPeP°C...
PSPµPsP±C...C-PrPSPs PePsPSC,C¶PsP»C¶PIP°C,Pë C,,CrPSPeC†C-C¶ PSPëC¶PsPe
(C¶C-PIPµPSC¶ PeC¶PµP°C,PëPSC-PSCr) PiC¶PsC,C¶PiPsPj PeC-P»C¶PePsC... PiPµC¶CëPëC...
C,PëP¶PSC-PI C,PµC¶P°PiC-C— C-P¶PµPα.

P¶P°P»C-PNëP·P±PµC¶C-PiP°C¶C±C- PrC-CrC¶PµC,PëPePë (PµPiP»PµC¶PµPSPsPS,
C¶PiC-C¶PsPSPsP»P°PeC,PsPS). PµC¶Pë PsPrPSPsC†P°C¶PSPsPjCr P·P°C¶C,PsC¶CrPIP°PSPSC-
PµPiP»PµC¶PµPSPsPSCr P°P±Ps C¶PiC-C¶PsPSPsP»P°PeC,PsPSCr PI PrPsP·P°C... PIC-Pr
12,5 PjPi PrPs 50 PjPi PSP° PrPsP±Cr P· PSPëP·C¶PePëPjPë PrPsP·P°PjPë C-P¶PµPα Cr
PiP°C†C-C" PSC,C-PI C-P· C¶PµC¶C†PµPIPsC¶ PSPµPrPsC¶C,P°C,PSC-C¶C,C¶ P†P†-P†V
C,,CrPSPeC†C-PsPSP°P»C¶PSPëC... PeP»P°C¶C-PI P·P° CëPeP°P»PsC¶ PkC¶C¶-
P™ PsC¶PeC¶C¶PePsC— PeP°C¶PrC-PsP»PsPiC-C†PSPsC— P°C¶PsC†C-P°C†C-C— (NYHA) C-
C,,C¶P°PeC†C-C" C¶ PIPëPePëPrCr < 40 %, C¶PeC- C¶P°PSC-CëPµ PiC¶PëPµPjP°P»Pë C-P¶PµPα
C,P° PiPµC,P»C¶PsPIC- PrC-CrC¶PµC,PëPePë, C-C¶PSCrC" C¶PëP·PëPe
PIPëPSPëPePSPµPSPSC¶ PiC-PiPµC¶PeP°P»C-C" PjC-C—, PiPsC,PµPSC†C-PNëPSPs
P»PµC,P°P»C¶PSPsC—, PsC¶PsP±P»PëPIPs Cr C¶P°P·C- PSPµPrPsC,C¶PëPjP°PSPSC¶
C¶PµPePsPjPµPSPPrP°C†C-PNë C°%PsPrPs PiC¶PëP·PSP°C†PµPSPSC¶ C,P°PePsC—
PePsPjP±C-PSP°C†C-C—. PµPµC¶PµPr PiPsC†P°C,PePsPj P·P°C¶C,PsC¶CrPIP°PSPSC¶
C,P°PePsC— PePsPjP±C-PSP°C†C-C— C¶P»C-Pr CrPiPµPIPsPëC,PëC¶C¶ Cr
PIC-PrC¶CrC,PSPsC¶C,C- PiC-PiPµC¶PeP°P»C-C" PjC-C— C- PiPsC¶CrCëPµPSPSC¶
C,,CrPSPeC†C-C— PSPëC¶PsPe. P PµPePsPjPµPSPPrCrC" C,C¶C¶C¶ C¶PµC,PµP»C¶PSPëPµ
PjPsPSC-C,PsC¶PëPSPi PeP°P»C-C" PjC-C— C,P° PeC¶PµP°C,PëPSC-PSPµPjC-C—
C°%PsC,PëP¶PSPµPIPs PiC¶PsC,C¶PiPsPj PiPµC¶CëPsPiPs PjC-C¶C¶C†C¶ P»C-PeCrPIP°PSPSC¶
C- C°%PsPjC-C¶C¶C†PSPs PSP°PrP°P»C-.

PhPrPSPsC†P°C¶PSPµ P·P°C¶C,PsC¶CáPIP°PSPSC¶, C°%Ps PiPsC,C¶PµP±CáC" CáPIP°PiPë

P¶PSC,PëPiC-PiPµC¶C,PµPSP·PëPIPsC- P·P°C¶PsP±Pë C,P° PIP°P·PsPrPëP»P°C,P°C,PsC¶Pë.
PhPrPSPsC†P°C¶PSPµ P·P°C¶C,PsC¶CrPIP°PSPSC¶ C†PëC... P»C-PeP°C¶C¶C¶PePëC...
P·P°C¶PsP±C-PI PjPsP¶Pµ PiPsC¶PëP»PëC,Pë PiC-PiPsC,PµPSP·PëPIPsC- PµC,,PµPeC,Pë
PiPµC¶PëPSPPrPsPiC¶PëP»Cr. PhPrPSPsC†P°C¶PSPµ P·P°C¶C,PsC¶CrPIP°PSPSC¶ P·
PSC-C,C¶PsPiP»C-C†PµC¶PëPSPsPj C,P° C-PSCëPëPjPë PSC-C,C¶P°C,P°PjPë P°P±Ps P·
C-PSCëPëPjPë PIP°P·PsPrPëP»P°C,P°C,PsC¶P°PjPë PjPsP¶Pµ C¶PiC¶PëC¶C¶,Pë
PrPsPrP°C,PePsPIPsPjCr P·PSPëP¶PµPSPSC¶ P°C¶C,PµC¶C-P°P»C¶PSPsPiPs C,PëC¶PeCr.

P¶P»PsPiCrC¶PëPSPsP», C†PëC,PsC¶C,P°C,PëPePë, C-PjCrPSPsPrPµPiC¶PµC¶PëPIPsC-
P·P°C¶PsP±Pë, C¶PëC¶C,PµPjPSC- PePsC¶C,PëPePsC¶C,PµC¶PsC—PrPë P°P±Ps
PiC¶PsPeP°C—PSP°PjC-Pr. PhPrPSPsC†P°C¶PSPµ P·P°C¶C,PsC¶CrPIP°PSPSC¶ P· C-P¶PµPα
PjPsP¶Pµ PiC¶PëP·PIPsC¶C,Pë PrPs PiC-PrPIPsC°%PµPSPSC¶ C¶PëP·PëPeCr
P»PµPNëPePsPiPµPSC-C— (PrPëPI. C¶PsP·PrC-P» B«PhC¶PsP±P»PëPIPsC¶C,C-
P·P°C¶C,PsC¶CrPIP°PSPSC¶B»).

P¶PSPµC¶C,PµP·CrC¶C±C- P·P°C¶PsP±Pë. C-P¶PµPα PjPsP¶CrC,C¶ PiPsC¶PëP»C¶PIP°C,Pë
PiC-PiPsC,PµPSP·PëPIPsC† PrC-C¶ PrPµC¶PePëC... P°PSPµC¶C,PµP·CrC¶C±PëC...
PiC¶PµPiP°C¶P°C,C-PI (PrPëPI. C¶PsP·PrC-P» B«PhC¶PsP±P»PëPIPsC¶C,C-
P·P°C¶C,PsC¶CrPIP°PSPSC¶B»).

P¶PëPjPiP°C,PsPjC-PjPµC,PëPePë. P¶PëPjPiP°C,PsPjC-PjPµC,PëPePë PjPsP¶CrC,C¶
PiPsC¶P»P°P±P»C¶PIP°C,Pë P°PSC,PëPiC-PiPµC¶C,PµPSP·PëPIPsC† PrC-C¶ C-P¶PµPα.

PµC¶PµPiP°C¶P°C,Pë P·PsP»PsC,P°. PµC¶Pë P»C-PeCrPIP°PSPSC- PiP°C†C-C" PSC,C-PI
C-PSB¶C" C"PeC†C-PNëPSPëPjPë PiC¶PµPiP°C¶P°C,P°PjPë P·PsP»PsC,P° (PSP°C,C¶C-C¶

Р>С-РeР°СҢСГҢСҢРeС- Р·Р°СГРSp±Рө, С%oPs Р·PSPөР¶СГСҢС,СҢ РIРjС-СГГС, РeР°Р»С-СҢ РI РeСҢРSpIC-. РҗРjС,,PsC,РµСҢРөС†РөPS Р' РrР»СI PIPSCГC,СҢС-СөPSCHҢPsPIРµPSPSPsPiPs Р·Р°СГГC,PsСГГCРIP°PSPSCI, PiР»СҢРePsPePsСҢС,РөРePsС—РrРө С,Р° РjС-PSPµСҢР°Р»PsPePsСҢС,РөРePsС—РrРө (СГРөСГГC,РµРjРPSPSc— РrС-С—), С,РµС,СҢР°РePsР·Р°РeС,РөРr, РiСҢРsPSPsСГPSC- Р·Р°СГРSp±Рө, СIРeС-СГГC,РөРjСrР»СҢСҢС,СҢ РiРµСҢРөСГГC,Р°Р»СҢС,РөРeСГ, РiС-РrPIРөС%oСГСҢС,СҢ СҢРөР·РөРe Р·PSPөР¶РµPSPSCI СҢС-PIPSCI РeР°Р»С-СҢ СГ СГРөСҢРsPIР°С,С†С- РeСҢРsPIC- (Р°РrРөС,РөPIPSPөР№ РµС,,РµРeС,). РҮР»С-Рr РePsPSC,СҢРsР»СҢPIР°С,Рө РIРjС-СГГC, РeР°Р»С-СҢ СГ РiР»Р°Р·РjС- РeСҢРsPIC- С,Р° РePsСҢРөРiСГPIР°С,Рө Р№PsPiPs СГ СҢР°Р·РiPsC,СҢРµРµРө, Р·PsPeСҢРµРjР° РiСҢРө PsРrPSPsС†Р°СГPSPsРjСr Р»С-РeСГPIР°PSPSC- РiСҢРµРiР°СҢР°С,Р°РjРө PSP°РiРµСҢСГГC,СIРSPeРө. РҮР»С-Рr Р·Р°СГГC,PsСГРsPICГPIР°С,Рө

РiСҗPsPSPsCfPSC- P·P°CfPsP±Pë, CлPeC- PSPµ CfC, PëPjCfP»CҗCҗC, Cҗ
PіPµCҗPëCfC, P°P»CҗC, PëPeCf.

PµCҗPµPіP°CҗP°C, Pë PSP°PіPµCҗCfC, CлPSPePë. P°C-PіPsPeP°P»C-C" PjC-Cл C, P°/P°P±Ps
PіC-PіPsPjP°PіPSC-C" PjC-Cл CfPіCҗPëCлC" C, PsPeCfPëC±PSC-PM PrC-C—
PSP°PіPµCҗCfC, CлPSPePë. P PµPePsPjPµPSPrCfC" C, CҗCfCл PіCҗPsPіPsPrPëC, Pë
PjPsPSC-C, PsCҗPëPSPi CҗC-PіPSCл PeP°P»C-Cҗ, PjP°PіPSC-Cҗ Cf PіP»P°P·PjC- PeCҗPsPIC-
C, P° P·PҗP"-PePsPSC, CҗPsP»Cҗ, P° Cf CҗP°P·C- PSPµPsP±C...C-PrPSPsCfC, C-
PePsCҗPëPіCfPіP°C, Pë P»C-PeCfPіP°PSPSCл.

PҗP»PsPіCfCҗPëPSPsP». PҗPrPSPsC±P°CfPSPµ P·P°CfC, PsCfCfPіP°PSPSCл P·
C-PSPrP°PіP°PjC-PrPsPj PjPsPлPµ PіCҗPëP·PіPµCfC, Pë PrPs PіC-PrPіPëC%PµPSPSCл
C±P°CfC, PsC, Pë PіPëPSPëPePSPµPSPSCл CҗPµP°PeC†C-PM PіC-PіPµCҗC±CfC, P»PëPіPsCfC, C-
PrPs P°P»PsPіCfCҗPëPSPsP»Cf.

PҗPrPSPsC±P°CfPSPµ P·P°CfC, PsCfCзPіP°PSPSCл, C%Ps PіPsC, CҗPµP±CзC" CзPіP°PіPë

PҗP°P»C-PM P·P±PµCҗC-PіP°CҗC±C- PrC-CfCҗPµC, PëPePë (P°PjC-P»PsCҗPëPr,
CfPіC-CҗPsPSPsP»P°PeC, PsPS, C, CҗPëP°PjC, PµCҗPµPS). PҗPsPлP»PëPіPµ
PіPëPSPëPePSPµPSPSCл PіC-PіPsPeP°P»C-C" PjC-C— P°P±Ps PіC-PіPµCҗPeP°P»C-C" PjC-C—
(PsCfPsP±P»PëPіPs Cf PіP°C†C-C" PSC, C-PI P· PSPëCҗPePsPіPsCҗ
PSPµPrPsCfC, P°C, PSC-CfC, Cҗ P°P±Ps P· C†CfPeCҗPsPіPëPj PrC-P°P±PµC, PsPj). PҗP»C-Pr
PePsPSC, CҗPsP»CҗPіP°C, Pë CҗC-PіPµPSCҗ PeP°P»C-Cҗ Pі PіP»P°P·PjC- PeCҗPsPIC-,
PіCҗPsPіPsPrPëC, Pë P·PҗP"-PjPsPSC-C, PsCҗPëPSPi C- Cf CҗP°P·C-
PSPµPsP±C...C-PrPSPsCfC, C- PіPµCҗPµPіP»CлPSCfC, Pë C, PµCҗP°PіC-Cҗ.

PҗPµC, C,, PsCҗPjC-PS. PҗPsPлPµ CfPіCҗPëC±PëPSPëC, Pë PjPsP»PsC±PSPsPePëCfP»PëPM
P°C†PëPrPsP· PіPSP°CfP»C-PrPsPe CҗPsP·PіPëC, PeCf C,, CfPSPeC†C-PsPSP°P»CҗPSPsC—
PSPëCҗPePsPіPsC— PSPµPrPsCfC, P°C, PSPsCfC, C-, PіPsPіPҗ™ CлP·P°PSPsC— P·
PіCҗPëPMsPjPsPj PrC-CfCҗPµC, PëPeC-PI, PsCfPsP±P»PëPіPs PіPµC, P»CҗPsPіPëC.... PкPµ
CfP»C-Pr P·P°CfC, PsCfPsPICfPіP°C, Pë PjPµC, C,, PsCҗPjC-PS, CлPeC%Ps CҗC-PіPµPSCҗ
PeCҗPµP°C, PëPSC-PSCf Cf PіP»P°P·PjC- PeCҗPsPIC- PіPµCҗPµPіPëC%CfC" 15 PjPi/P»
(135 PjPePjPsP»Cҗ/P») Cf C±PsP»PsPIC-PeC-PI C, P° 12 PjPi/P» (110 PjPePjPsP»Cҗ/P») Cf
PлC-PSPsPe.

P™ PsPrPsPePsPSC, CҗP°CfC, PSC- P·P°CfPsP±Pë. Pj CҗP°P·C- PrPµPіC-PrCҗP°C, P°C†C-C—,
CfPіCҗPëC±PëPSPµPSPsC— P·P°CfC, PsCfCfPіP°PSPSCлPj PrC-CfCҗPµC, PëPeC-PI,
P·CҗPsCfC, P°C" CҗPëP·PëPe CҗPsP·PіPëC, PeCf PіPsCfC, CҗPsC— PSPëCҗPePsPіPsC—
PSPµPrPsCfC, P°C, PSPsCfC, C-, PsCfPsP±P»PëPіPs PіCҗPë P·P°CfC, PsCfCfPіP°PSPSC-
PіPµP»PëPePëC... PrPsP· PMsPPrPsPePsPSC, CҗP°CfC, PSPëC... P·P°CfPsP±C-PI. PµPµCҗPµPr
P·P°CfC, PsCfPsPICfPіP°PSPSCлPj PMsPPrPsPePsPSC, CҗP°CfC, PSPëC... PіCҗPµPіP°CҗP°C, C-PI
PSPµPsP±C...C-PrPSPs PIC-PrPSPsPіPëC, Pë PіPsPrPSPëPM P±P°P»P°PSCf.

PҗP°P»CҗC†C-PM (CfPsP»C-). P†CfPSCfC" CҗPëP·PëPe P·P±C-P»CҗCлPµPSPSCл
PіPjC-CfC, Cf PeP°P»CҗC†C-Cҗ Pі PeCҗPsPIC- C±PµCҗPµP· P·PjPµPSCлPµPSPSCл PMsPіPs
PіPëPіPµPrPµPSPSCл C-P· CfPµC±PµCҗ.

PіPëPeP»PsCfPіPsCҗPëPS, C, P°PeCҗPsP»C-PjCfCf. P†CfPSCfC" CҗPëP·PëPe
P·P±C-P»CҗCлPµPSPSCл PіPjC-CfC, Cf PeCҗPµP°C, PëPSC-PSCf Pі PeCҗPsPIC- P±PµP·
P·PjC-PSPë PePsPSC†PµPSC, CҗP°C†C-C— C†PëCҗPeCfP»CҗCҗC±PsPіPs
C†PëPeP»PsCfPіPsCҗPëPSCf, PSP°PIC-C, Cҗ Cf CҗP°P·C- PIC-PrCfCfC, PSPsCfC, C-
PrPµC, C-C†PëC, Cf PіPsPrPë C, P° PSP°C, CҗC-Cҗ.

PμPsPrPIC-PNεPSP° P±P»PsPeP°PrP° CḡPμPSC-PS-P°SPiC-PsC,PμPSP·PëPS-
P°P»CHßPrPsCíC,PμCḡPsPSPsPIPsC— CíPëCíC,PμPjPë (P ḡPḡPṽ). P†CíPSCrCḡC,CHß PrP°PSC-,
C°%Ps PsPrPSPsC‡P°CíPSPμ P·P°CíC,PsCíCíPIP°PSPSCḷ C-PḡPμPα, P±P»PsPeP°C,PsCḡC-PI
CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCr P†P† P°P±Ps P°P»C-CíPëC-CḡPμPSCr
PiC-PrPIPëC°%CrC” CḡPëP·PëPe PIPëPSPëPePSPμPSPSCḷ P°CḡC,PμCḡC-P°P»CHßPSPsC—
PiC-PiPsC,PμPSP·C-C—, PiC-PiPμCḡPeP°P»C-C”PjC-C— C,P° P·PSPëP¶PμPSPSCḷ
C,,CrPSPeC†C-C— PSPëCḡPsPe (Cr C,PsPjCr C‡PëCíP»C- PiPsCíC,CḡPsC— PSPëCḡPePsPIPsC—
PSPμPrPsCíC,P°C,PSPsCíC,C-). PṽPsPjCr P·P°CíC,PsCíCíPIP°PSPSCḷ PiPsPrPIC-PNεPSPsC—
P±P»PsPeP°PrPë P ḡPḡPṽ PIPSP°CíP»C-PrPsPe PsPrPSPsC‡P°CíPSPsPiPs PiCḡPëPNεPsPjCr
C-PḡPμPα, P±P»PsPeP°C,PsCḡC-PI CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCr P†P†
P°P±Ps P°P»C-CíPëC-CḡPμPSCr PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPs (PrPëPI. CḡPsP·PrC-P»Pë
B«P’P·P°C”PjPsPrC-Cḷ P· C-PSC€PëPjPë P»C-PeP°CḡCíCHßPePëPjPë P·P°CíPsP±P°PjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C”PjPsPrC-PNεB» C- B«PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°B»).
PíPëC°%Ps P¶ C,PμCḡP°PiC-Cḷ PiPsPrPIC-PNεPSPsCḡ P±P»PsPeP°PrPsCḡ P ḡPḡPṽ
PIPIP°P¶P°C”C,CHßCíCḷ P°P±CíPsP»CḡC,PSPs PSPμPsP±C...C-PrPSPsCḡ, C,Ps C—C—
CíP»C-Pr PiCḡPsPIPsPrPëC,Pë C,C-P»CHßPePë PiC-Pr PSP°PiP»CḷPrPsPj
CíPiPμC†C-P°P»C-CíC,P° C,P° P·P° CrPjPsPIPë C‡P°CíC,PsPiPs CḡPμC,PμP»CHßPSPsPiPs
PjPsPSC-C,PsCḡPëPSPiCr C,,CrPSPeC†C-C— PSPëCḡPsPe, CḡC-PIPSCḷ
PμP»PμPeC,CḡPsP»C-C,C-PI C,P° P°CḡC,PμCḡC-P°P»CHßPSPsPiPs C,PëCíPeCr.

РµР°С†С-С"РSC,Р°Рј С-Р· РrС-Р°Р±РµС,РёС†РSPСrС ПSPµС,,СrСРiР°С,С-С"СrС ПSPµ СrС»С-Рr Р·Р°СrС,РсСrСРiСrСРiР°С,Рё РsРrСРSPС†Р°СrСРSPС С-РrРµРµ С,Р° Р±Р»РSPР°С,РсСrСРё СrСµС†РµРiС,РсСrС-Рi Р°SPiС-РсС,РµРSP·РёРSCr Р†Р†.

РrР°Р»С-РN°Р·Р±РµСrС-РiР°СrС†С- Р·Р°СrСР±Рё, РrСР±Р°РiРРё Р°Р±Рс
Р·Р°РјС-РSPSPёРё СrСР»С-, С%°Рs РјС-СrС,СrС,СrС РёР°Р»С-РN°. РrСРjР±С-РSP°С†С-СrС РiРµСrСРёSPРiСrСРёР»СrС С,Р° РёР°Р»С-РN°Р·Р±РµСrС-РiР°СrС†СРёС... Р·Р°СrСР±С-Рi, РrСР±Р°РiРSPРё Р°Р±Рс Р·Р°РјС-РSPSPёРёС-Рi СrСР»С-, С%°Рs РјС-СrС,СrС,СrС РёР°Р»С-РN°, Р·Р°Р·РiРёС†Р°РN° ПSPµ СrСµРёРсРjРµРSPРiР°РSP° (РrРёРi. СrСР·РrС-Р»
В«Р·Р°С"РjРсРrС-СrС Р· С-РSCёРёРjРё Р»С-РёР°СrСrСРёРёРjРё Р·Р°СrСР±РjРё С,Р° С-РSCёС- РiРёРrРё РiР·Р°С"РjРсРrС-РN°В»).

РµРµРN°С,СrСРiРµРSC-СrС/Р°РiСrСР°РSCrС»РсС†РёС,РсР·/С,СrСРjР±РсС†РёС,РсРiРµРSC-СrС/Р°
РSPµРјС-СrС. Рj РiР°С†С-С"РSC,С-Рi, СrСРёС- РiСrСРёРN°РjР°Р»С С-РrРµРµ,
РiРсРiС-РrСРjР»СrС»РсСrС РiСrС РiРёSPРёРёSPµРSPSCrС
РSPµРN°С,СrСРiРµРSC-С-/Р°РiСrСР°РSCrС»РсС†РёС,РсР·СrС,
С,СrСРjР±РсС†РёС,РсРiРµРSC-С- С,Р° Р°РSPµРјС-С-. Рj РiР°С†С-С"РSC,С-Рi С-Р·
РSPСrСРjР°Р»СrСРSPСrС С,,СrСРSPС†С-С"СrС РSPёСrСРё СrС rСР°С-
РiС-РrСrСrС,РSPСrС,С- С-РSCёРёС... С,,Р°РёС,РсСrС-Рi rСРёР·РёРёСrС
РSPµРN°С,СrСРiРµРSC-СrС РiРёSPРёРёР°С" rС-РrРёРс. РµРµСrСРёSPРiСrСРёР»С СrС»С-Рr Р·Р°СrС,РсСrСРiСrСРiР°С,Рё РrСrСРµ РsР±РµСrСµРSP РiР°С†С-С"РSC,Р°Рј С-Р·
РёРсР»Р°РiРµРSPР·Р°РjРё, РiС-Рr С†Р°СrС С,РµСrСРiС-С-
С-РjСrСРSPРrРµРiСrСµСrСР°РSC,Р°РjРё, Р°Р»РiСrСrСРёSPР»РсРj С†Рё
РiСrСРёР°С-РSP°РјС-РrСРj Р°Р±Рс РiСrС РiРс"РrСР°РSPSC- С†РёС... С,,Р°РёС,РсСrС-Рi rСРёР·Р·РёРёСrС, РсСrСР±Р»РёРiРс РiСrСРё РSP°СrСРiРSPСrС,С- РiРсrСrСёРµРµРSPSCrС
С,,СrСРSPС†С-С- РSPёСrСРё. Рj РrРµРсРiРс Р· С,Р°РёРёС... РiР°С†С-С"РSC,С-Рi РiС-РrР·РSP°С†Р°РiСrСrС rСРсР·РiРёС,РсРё СrСµСrСРN°РсР·РSPёС...
С-РSC,,РµРёС†С-РN°РSPёС... Р·Р°С...РiРсrСrСРiР°РSPСrС, С-РSPРrС- -
СrСµР·РёСrС,РµРSC,РSPёС... РrС С-РSC,РµРSCrРёРiРSPС-
Р°РSC,РёР±С-РсС,РёРёРсС,РµСrСРiС-С-. РµСrС Р·Р°СrС,РсСrСrСРiР°РSPSC-
РiРµСrСРёSPРiСrСРёР»СrС С,Р°РёРёРj С...РiРсrСРё rСrСµРёРсРjРµРSPРrСrС"С,СrСrСrС
РiРµСrС-РсРrРёС†РSP РёРсРSC,СrСР»РiР°С,Рё РёС-Р»РёРёС-СrС,СrС
Р»РµРN°РёРсС†РёС,С-Рi СrС РёСrСРiС-. РjР°РёРсР, РiР°С†С-С"РSC,С-Рi СrС»С-Рr РiСrСРс-РSC,,РсСrСrСРiР°С,Рё РiСrС РSPµРсР±С...С-РrРSC-СrС,СrС
РiРсРiС-РrСРjР»СrС,Рё СrСРiРс Р»С-РёР°СrСrС РiСrС Р±СrРrСrС-СrРёРёРN° РiСrСРсРiРiС-РSC,,РµРёС†С-РN°РSPРiРс Р·Р°С...РiРсrСrСРiР°РSPSCrС (РSP°РiСrСРёРёР»Р°Р»Р° Р±С-Р»Р±СrСrСrС
РiРсrСrС»С-, РiС-РrРiРёС%°РµРSPSCrС С,РµРjРiРµСrС,СrСrС С,С-Р»Р°) (РrРёРi.
СrСР·РrС-Р» В«Р·Р°С"РjРсРrС-СrС Р· С-РSCёРёРjРё Р»С-РёР°СrСrСРёРёРjРё Р·Р°СrСР±РjРё С,Р° С-РSCёС- РiРёРrРё РiР·Р°С"РjРсРrС-РN°В» С- В«РµРсР±С-С†РSC-
СrСµР°РёС†С-С-В»).

Р РµРSPРiР°СrСРёСrС»СrСrСРSP° РiС-РiРµСrС,РµРSP·С-СrС. Рj РiР°С†С-С"РSC,С-Рi С-Р·
РrРiРсР±С-С†РSPРj СrС,РµРSPР·РсРj РSPёСrСРёРiРёС... Р°СrС,РµСrС-РN° Р°Р±Рс
СrС,РµРSPР·РсРj Р°СrС,РµСrС-С- С"РrРёSPС- С,,СrСРSPС†С-РсРSCrСrСРсС-
РSPёСrСРё РiС-Рr С†Р°СrС Р»С-РёСrСРiР°РSPSCrС С-РrРµРµ РiС-РrРiРёС%°СrС"С,СrСrСrС
rСРёР·Р·РёРё РiРёSPРёРёSPµРSPSCrС Р°СrС,РµСrС-Р»СrСРSPС- РiС-РiРс,РµРSP·С-С-
С,Р° РSPёСrСРёРсРiРс- РSPµРrРсrС,Р°С,РSPСrС,С- (РrРёРi. СrСР·РrС-Р»
В«РµСrСРёРiРсРёР°РSPSCrС»). Р-Р°СrС,РсСrСrСРiР°РSPSCrС РrС-СrСrСµР,РёРёС-Рi РjРсРµРµ Р±СrС,Рё СrСrСРёСrС,Р»РёРiРj С,,Р°РёС,РсСrСРj. Р-РSPРµРµРµРSPSCrС
С,,СrСРSPС†С-С- РSPёСrСРё РjРсРµРµ СrСrСРiСrСРiРсРrСrСrСrС,РёСrСrС Р»РёСёРµРµ
РSPµР·РSP°С†РSPРjРё Р·РjС-РSP°РjРё rС-РiРSCr РёСrСµР°С,РёРSC-РSCr СrС

$$\begin{aligned} & \text{Cf}^{\text{I}}\text{P}\ddot{\text{e}}\text{C}\ddot{\text{H}}\text{PsPIP}^{\circ}\text{C}, \text{C}\ddagger\text{C}-\text{PeC}\ddot{\text{H}}\text{PsPIC}-\text{PSP}^{\circ}\text{PIC}-\text{C}, \text{CH}\ddot{\text{B}}\text{Cf}^{\text{I}}\text{PiP}^{\circ}\text{C}\ddagger\text{C}-\text{C}''\text{PSC}, \text{C}-\text{PI}\text{P}\cdot \\ & \text{PsPrPSPSP}\pm\text{C}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{Pj}\text{Cf}^{\text{I}}\text{C}, \text{P}_{\mu}\text{PSPSP}\cdot\text{PsPj}\text{PSP}\ddot{\text{e}}\text{C}\ddot{\text{H}}\text{PePsPIP}\text{SC}-\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{C}, \text{P}_{\mu}\text{C}\ddot{\text{H}}\text{C}-\text{C}\cdot. \end{aligned}$$
[illegible]

PhPrPSPsC†P°CǾPSPμ P·P°CǾC,PsCǾCǾPIP°PSPSCǾ PiPμCǾPēPSPPrPsPiCǾPēP»CǾ P·CǾP°PeCǾP±C-C,CǾPēP»PsPj/PIP°P»CǾP°CǾC,P°PSPsPj PiCǾPsC,PēPiPsPeP°P·P°PSPμ C†PμCǾPμP· PiC-PrPIPēC%oPμPSPēPNē CǾPēP·PēPe CǾPsP·PIPēC,PeCǾ P°PSPiC-PsPSPμPICǾPsC,PēC†PSPsPiPs PSP°P±CǾCǾPeCǾ. P PsP·PiPsC†PēPSP°C,Pē P·P°CǾC,PsCǾCǾPIP°PSPSCǾ CǾP°PeCǾP±C-C,CǾPēP»CǾ/PIP°P»CǾP°CǾC,P°PSCǾ CǾP»C-Pr PSPμ CǾP°PSC-CēPμ PSC-P¶ C†PμCǾPμP· 36 PiPsPrPēPS PiC-CǾP»CǾ PiCǾPēPNēPsPjCǾ PsCǾC,P°PSPSCHPsC— PrPsP·Pē PiPμCǾPēPSPPrPsPiCǾPēP»CǾ. Pj CǾP°P·C-PiCǾPēPiPēPSPμPSPSCǾ P»C-PeCǾPIP°PSPSCǾ CǾP°PeCǾP±C-C,CǾPēP»PsPj/PIP°P»CǾP°CǾC,P°PSPsPj C,PμCǾP°PiC-CǾ PiPμCǾPēPSPPrPsPiCǾPēP»PsPj CǾP»C-Pr CǾPsP·PiPsC†PēPSP°C,Pē PSPμ CǾP°PSC-CēPμ PSC-P¶ C†PμCǾPμP· 36 PiPsPrPēPS PiC-CǾP»CǾ PiCǾPēPNēPsPjCǾ PsCǾC,P°PSPSCHPsC— PrPsP·Pē CǾP°PeCǾP±C-C,CǾPēP»CǾ/PIP°P»CǾP°CǾC,P°PSCǾ (PrPēPI. CǾPsP·PrC-P»Pē B«PμCǾPsC,PēPiPsPeP°P·P°PSPSCǾB» C- B«P’P·P°C”PjPsPrC-CǾ P· C-PSCēPēPjPē P»C-PeP°CǾCǾCHPePēPjPē P·P°CǾPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C”PjPsPrC-PNēB»).

PhPrPSPsC†P°CǾPSPμ P·P°CǾC,PsCǾCǾPIP°PSPSCǾ C-PǾPμPα P· C-PSPiC-P±C-C,PsCǾP°PjPē PSPμPNēC,CǾP°P»CHPSPsC— PμPSPPrPsPiPμPiC,PēPrP°P·Pē (PǾP·Pμ) (PSP°PiCǾPēPeP»P°Pr CǾP°C†PμPeP°PrPsC,CǾPēP»PsPj), C-PSPiC-P±C-C,PsCǾP°PjPē mTOR (PSP°PiCǾPēPeP»P°Pr CǾPēCǾPsP»C-PjCǾCǾPsPj, PμPIPμCǾPsP»C-PjCǾCǾPsPj, C,PμPjCǾPēCǾPsP»C-PjCǾCǾPsPj) C,P° PiP»C-PiC,PēPSP°PjPē (PSP°PiCǾPēPeP»P°Pr P»C-PSP°PiP»C-PiC,PēPSPsPj, CǾP°PeCǾP°PiP»C-PiC,PēPSPsPj, CǾPēC,P°PiP»C-PiC,PēPSPsPj, PIC-P»CHPrP°PiP»C-PiC,PēPSPsPj) PjPsP¶Pμ PiCǾPēP·PIPμCǾC,Pē PrPs PiC-PrPIPēC%oPμPSPSCǾ CǾPēP·PēPeCǾ CǾPsP·PIPēC,PeCǾ P°PSPiC-PsPSPμPICǾPsC,PēC†PSPsPiPs PSP°P±CǾCǾPeCǾ (PSP°PiCǾPēPeP»P°Pr PSP°P±CǾCǾPeCǾ PrPēC...P°P»CHPSPēC... CēP»CǾC...C-PI P°P±Ps CǾP·PēPeP°, P· PiPsCǾCǾCēPμPSPSCǾPj C„CǾPSPeC†C-C— PrPēC...P°PSPSCǾ P°P±Ps P±PμP·) (PrPēPI. CǾPsP·PrC-P» B«P’P·P°C”PjPsPrC-CǾ P· C-PSCēPēPjPē P»C-PeP°CǾCǾCHPePēPjPē P·P°CǾPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C”PjPsPrC-PNēB»).

PŸP»C-Pr P· PsP±PμCǾPμP¶PSC-CǾC,CǾ CǾPsP·PiPsC†PēPSP°C,Pē P»C-PeCǾPIP°PSPSCǾ CǾP°C†PμPeP°PrPsC,CǾPēP»PsPj, C-PSPiC-P±C-C,PsCǾP°PjPē mTOR C,P° PiP»C-PiC,PēPSP°PjPē PiP°C†C-C”PSC,C-PI, CǾPeC- PIP¶Pμ P·P°CǾC,PsCǾPsPICǾCǾC,CH C-PǾPμPα.

PhPSP°C,,C-P»P°PeC,PsC—PrPSC- CḥPμP°PeC†C-C— PīC-Pr C‡P°C†
PrPμC†PμPSC†PēP±C-P»C-P·P°C†C-C—. PμPsPIC-PrPsPjP»CḭP»PsC†Cḭ PīCḥPs
PīPsPsPrPēPSPsPeC- PIPēPīP°PrPePē C,CḥPēPIP°P»PēC... P°PSP°C,,C-P»P°PeC,PsC—PrPSPēC...
CḥPμP°PeC†C-PNₑ, C%Ps P·P°PiCḥPsPḡC†PIP°P»Pē PḡPēC,C,Cḥ, C† PīP°C†C-C”PSC,C-PI, CḭPeC-
PīCḥPēPNₑPjP°P»Pē C-PḥPμPα PīC-Pr C‡P°C† PrPμC†PμPSC†PēP±C-P»C-P·C†CḥC‡PsC—
C,PμCḥP°PīC-C— PīCḥPμPīP°CḥP°C,P°PjPē, C%Ps PjC-C†C,CḭC,Cḥ P±PrPḡPsP»PēPSC†
PsC,CḥC†C,C†. C-PḥPμPα C†P»C-Pr P·P°C†C,PsC†PsPIC†PIP°C,Pē P· PsP±PμCḥPμPḡPSC-C†C,Cḥ
PīP°C†C-C”PSC,P°Pj P· P°P»PμCḥPīC-C”Cḥ PīC-C†P»Cḭ PīCḥPsPIPμPrPμPSPSCḭ
PrPμC†PμPSC†PēP±C-P»C-P·P°C†C-C— C,P° C†PSPēPeP°C,Pē C—C... PīCḥPēPNₑPsPjC† PīC-Pr
C‡P°C† C-PjC†PSPsC,PμCḥP°PīC-C— PīCḥPμPīP°CḥP°C,P°PjPē, C%Ps PjC-C†C,CḭC,Cḥ
P±PrPḡPsP»PēPSC† PsC,CḥC†C,C†. PḥP»Pμ C† PīP°C†C-C”PSC,C-PI, CḭPeC-
PīPsC,CḥPμP±C†CḥC,Cḥ P·P°C†C,PsC†C†PIP°PSPSCḭ CḭPe C-PḥPμPα, C,P°Pe C-
PrPμC†PμPSC†PēP±C-P»C-P·P°C†C-C—, C,P°PePēC... CḥPμP°PeC†C-PNₑ PjPsPḡPSP°
C†PSPēPePSC†C,Pē P·P°PIPrCḭPePē C,PēPjC‡P°C†PsPIPsPjC† PīCḥPēPīPēPSPμPSPSCḥ

ΠῖCῡPḗPNḗPsPjCṛ C-PḥPṡPḗ C%PsPSP°PNḗPjPṡPSC€Pṡ P·P° 24 PiPsPrPḗPSPḗ PiPṡCῡPṡPr
PiPsC‡P°C,PePsPj PrPṡCṛPṡPSCṛPḗP±C-P»C-P·CṛCῡC‡PsC— C,PṡCῡP°PiC-C—.

PḥPSP°C,,C-P»P°PeC,PsC—PrPSC- CῡPṡP°PeC‡C-C— PiC-Pr C‡P°Cṛ P°C,,PṡCῡPṡP·Cṛ
P»C-PiPsPiCῡPsC,PṡC—PrC-PI PSPḗP·CḥPePsC— C%C-P»CḥPSPsCṛC,C- (P>PḡP©). Pj
PiP°C‡C-C”PSC,C-PI, CṲPeC- P·P°CṛC,PsCṛPsPICṛPiP°P»Pḗ C-PḥPṡPḗ PiC-Pr C‡P°Cṛ
PiCῡPsPiPṡPrPṡPSPSCṲ P°C,,PṡCῡPṡP·Cṛ P>PḡP© P· PiPḗPePsCῡPḗCṛC,P°PSPSCṲPj
PrPṡPeCṛC,CῡP°PSCṛ CṛCṛP»CḥC,,P°C,Cṛ, CῡC-PrPePs PiPsPIC-PrPsPjP»CṲP»PsCṛCṲ PiCῡPs
PiPḗPSPḗPePSPṡPSPSCṲ PSPṡP±PṡP·PiPṡC‡PSPḗC... PrP»CṲ PṡPḗC,C,CṲ
P°PSP°C,,C-P»P°PeC,PsC—PrPSPḗC... CῡPṡP°PeC‡C-PNḗ. PiPḗC... CῡPṡP°PeC‡C-PNḗ PjPsPṡPSP°
CṛPSPḗPePSCṛC,Pḗ, CṲPeC%Ps C,PḗPjC‡P°CṛPsPiPs CṛC,CῡPḗPjP°C,PḗCṛCṲ PIC-Pr
C,PṡCῡP°PiC-C— C-PḥPṡPḗ PiPṡCῡPṡPr PiCῡPsPiPṡPrPṡPSPSCṲPj PePsPṡPSPsPiPs
P°C,,PṡCῡPṡP·Cṛ.

PṡP°C‡C-C”PSC,Pḗ, CṲPeC- PiPṡCῡPṡP±CṛPiP°CῡC,Cḥ PSP° PiPṡPjPsPrC-P°P»C-P·C-.
PṡPsPIC-PrPsPjP»CṲP»PsCṛCṲ PiCῡPs PiPḗPiP°PrPePḗ PiPḗPSPḗPePSPṡPSPSCṲ
P°PSP°C,,C-P»P°PeC,PsC—PrPSPḗC... CῡPṡP°PeC‡C-PNḗ Cṛ PiP°C‡C-C”PSC,C-PI, CṲPeC-
PiCῡPḗPNḗPjP°P»Pḗ C-PḥPṡPḗ PiC-Pr C‡P°Cṛ PiPṡCῡPṡP±CṛPiP°PSPSCṲ PSP°
PiPṡPjPsPrC-P°P»C-P·C- P· PiPḗPePsCῡPḗCṛC,P°PSPSCṲPj PiPḗCṛPsPePsPiCῡPsC,PsC‡PSPḗC...
PiPsP»C-P°PeCῡPḗP»PsPiPḗC... PjPṡPjP±CῡP°PS (PSP°PiCῡPḗPeP»P°Pr AN 69^B). PṡP°PePḗPj
PiP°C‡C-C”PSC,P°Pj CṛP»C-Pr P·P°CṛC,PsCṛPsPICṛPiP°C,Pḗ C-PSC€PḗPNḗ C,PḗPi
PrC-P°P»C-P·PSPḗC... PjPṡPjP±CῡP°PS P°P±Ps PiCῡPḗP·PSP°C‡P°C,Pḗ C-PSC€PḗPNḗ PeP»P°Cṛ
P°PSC,PḗPiC-PiPṡCῡC,PṡPSP·PḗPiPSPḗC... P·P°CṛPsP±C-PI.

PṡPṡCῡPiPḗPSPSPḗPNḗ P°P»CḥPrPsCṛC,PṡCῡPsPSC-P·Pj. PṡP°C‡C-C”PSC,Pḗ P·
PiPṡCῡPiPḗPSPSPḗPj PiC-PiPṡCῡP°P»CḥPrPsCṛC,PṡCῡPsPSC-P·PjPsPj, CṲPe PiCῡP°PiPḗP»Ps,
PSPṡ PIC-PrPiPsPIC-PrP°CῡC,Cḥ PSP° P»C-PeCṛPiP°PSPSCṲ
P°PSC,PḗPiC-PiPṡCῡC,PṡPSP·PḗPiPSPḗPjPḗ P»C-PeP°CῡCṛCḥPePḗPjPḗ P·P°CṛPsP±P°PjPḗ,
CṲPeC- PrC-CῡC,Cḥ C€P»CṲC...PsPj PiCῡPḗPiPSC-C‡PṡPSPSCṲ CῡPṡPSC-PS-
P°PSPiC-PsC,PṡPSP·PḗPSPsPiPsC— CṛPḗCṛC,PṡPjPḗ. PṡPsPjCṛ C,P°PePḗPj PiP°C‡C-C”PSC,P°Pj
P·P°CṛC,PsCṛPsPICṛPiP°C,Pḗ PrP°PSPḗPNḗ PiCῡPṡPiP°CῡP°C, PSPṡ
CῡPṡPePsPjPṡPSPṛCṛC,CḥCṛCṲ.

PṡP°C‡C-C”PSC,Pḗ PiC-CṛP»CṲ C,CῡP°PSCṛPiP»P°PSC,P°C‡C-C— PSPḗCῡPePḗ. P”PsCṛPIC-Pr
PiCῡPḗP·PSP°C‡PṡPSPSCṲ PiPṡCῡPḗPSPṛPsPiCῡPḗP» PiP°C‡C-C”PSC,P°Pj PiC-CṛP»CṲ
PSPṡC%PsPrP°PiPSPs PiPṡCῡPṡPSPṡCṛPṡPSPsC— PsPiPṡCῡP°C‡C-C— P·
C,CῡP°PSCṛPiP»P°PSC,P°C‡C-C— PSPḗCῡPePḗ PIC-PrCṛCṛC,PSC-PNḗ.

PḥCῡC,PṡCῡC-P°P»CḥPSP° PiC-PiPsC,PṡPSP·C-CṲ. PṡPsPIC-PrPsPjP»CṲP»PsCṛCṲ PiCῡPs
PiPḗPSPḗPePSPṡPSPSCṲ CṛPḗPjPiC,PsPjP°C,PḗC‡PSPsC— P°CῡC,PṡCῡC-P°P»CḥPSPsC—
PiC-PiPsC,PṡPSP·C-C— Cṛ PiP°C‡C-C”PSC,C-PI C-P· CṛPḗPjPiC,PsPjP°C,PḗC‡PSPsCῡ
CṛPṡCῡC‡PṡPiPsCῡ PSPṡPrPsCṛC,P°C,PSC-CṛC,Cῡ C,P° CṛCṛPiCṛC,PSCHPsCῡ
PSPḗCῡPePsPiPsCῡ PSPṡPrPsCṛC,P°C,PSC-CṛC,Cῡ P°P±Ps P±PṡP· PSPṡC—.
P’PḗPSPḗPePSPṡPSPSCṲ CṛPḗPjPiC,PsPjP°C,PḗC‡PSPsC— P°CῡC,PṡCῡC-P°P»CḥPSPsC—
PiC-PiPsC,PṡPSP·C-C— C” PIC-CῡPsPiC-PrPSC-C€PḗPj Cṛ PiP°C‡C-C”PSC,C-PI C-P·
P±C-P»CḥC€ C,CṲPṡPḗPḗPj CṛC,CṛPiPṡPSPṡPj CṛPṡCῡC‡PṡPiPsC—
PSPṡPrPsCṛC,P°C,PSPsCṛC,C-, CṲPeC- PiCῡPḗPNḗPjP°CῡC,Cḥ PiPṡC,P»CḥPsPIC-
PrC-CṛCῡPṡC,PḗPePḗ Cṛ PiPṡP»PḗPePḗC... PrPsP·P°C..., PjP°CῡC,Cḥ
PiC-PiPsPSP°C,CῡC-C”PjC-Cῡ P°P±Ps PSPḗCῡPePsPICṛ PSPṡPrPsCṛC,P°C,PSC-CṛC,Cḥ
C,,CṛPSPeC‡C-PsPSP°P»CḥPSPsPiPs C...P°CῡP°PeC,PṡCῡCṛ. P”P»CṲ P·PSPḗPṡPṡPSPSCṲ
CῡPḗP·PḗPeCṛ CṛPḗPjPiC,PsPjP°C,PḗC‡PSPsC— P°CῡC,PṡCῡC-P°P»CḥPSPsC—
PiC-PiPsC,PṡPSP·C-C— PSP° PiPsC‡P°C,PeCṛ C,PṡCῡP°PiC-C— C,P° PSP° PṡC,P°PiC-

PiC-PrP±PsCḡCṛ PrPsP· PīP°C†C-C" PSC,P°Pj CḡP»C-Pr PīPμCḡPμP±CṛPIP°C,Pē PiC-Pr CḡPμC,PμP»CHbPSPēPj PSP°PiP»CḡPrPsPj P»C-PeP°CḡCḡ. PŷP°PeC- CḡP°PjC- P·P°CḡC,PμCḡPμPḡPμPSPSCḡ C-CḡPSCṛCḡC,CHb PrP»Cḡ PsCḡC-P± P· C-CēPμPjC-C±PSPsCḡ C...PIPSCḡPsP±PsCḡ CḡPμCḡC†Cḡ P°P±Ps C†PμCḡPμP±CḡPsPIP°CḡPeCṛP»CḡCḡPSPēPjPē P·P°C...PIPSCḡCḡPIP°PSPSCḡPjPē, Cṛ CḡPePēC... PSP°PrPjC-CḡPSPμ P·PSPēPḡPμPSPSCḡ P°CḡC,PμCḡC-P°P»CHbPSPsPiPs C,PēCḡPeCṛ PjPsPḡPμ CḡPīCḡPēC±PēPSPēC,Pē C-PSC,,P°CḡPeC, PjC-PsPeP°CḡPrP° P°P±Ps C-PSCḡCṛP»CHbC,,.

P†CēPμPjC-C±PSP° C...PIPSCḡPsP±P° CḡPμCḡC†Cḡ. PīPeC%Ps PiCḡPsC,CḡPiPsPj
PīPμCḡCēPsPiPs PjC-CḡCḡC†Cḡ P»C-PeCṛPIP°PSPSCḡ PīPμCḡPēPSPṛPsPiCḡPēP»PsPj P±CṛPI PμPiC-P·PsPr PSPμCḡC,P°P±C-P»CHbPSPsC— CḡC,PμPSPsPeP°CḡPrC-C— (P±CṛPrCHb-CḡPePsC— C,CḡPḡPePsCḡC,C-), PSPμPsP±C...C-PrPSPs CḡPμC,PμP»CHbPSPs P·PIP°PḡPēC,Pē CḡPiC-PIPIC-PrPSPsCēPμPSPSCḡ CḡPēP·PēPe/PePsCḡPēCḡC,CHb, PīPμCḡCē PSC-Pḡ PIPēCḡC-CēCṛPIP°C,Pē PīPēC,P°PSPSCḡ PiCḡPs PiCḡPsPrPsPIPḡPμPSPSCḡ C,PμCḡP°PiC-C—.

PḡCḡPsP±P»PēPIC- P·P°CḡC,PμCḡPμPḡPμPSPSCḡ, PīPsPIbḡ™ CḡP·P°PSC- P· C-PSPṛP°PiP°PjC-PrPsPj.

PμPμC±C-PSPePsPIP° PμPSC†PμC,,P°P»PsPiP°C,C-Cḡ. Pj PīP°C†C-C" PSC,C-PI C-P·
PīPsCḡCṛCēPμPSPSCḡPj C,,CṛPSPeC†C-C— PīPμC±C-PSPePē P·P°CḡC,PsCḡCṛPIP°PSPSCḡ C,C-P°P·PēPrPSPēC... C,P° C,C-P°P·PēPrPsPiPsPrC-P±PSPēC... PrC-CṛCḡPμC,PēPeC-PI, PsCḡPsP±P»PēPIPs Cṛ CḡP°P·C- PrPēCḡP±P°P»P°PSCḡCṛ PμP»PμPeC,CḡPsP»C-C,C-PI, PjPsPḡPμ CḡPiCḡPēC±PēPSPēC,Pē PIPēPSPēPePSPμPSPSCḡ PīPμC±C-PSPePsPIPSC— PμPSC†PμC,,P°P»PsPiP°C,C-C—, CḡPeP° PjPsPḡPμ PiCḡPsPiCḡPμCḡCṛPIP°C,Pē PrPs PīPμC±C-PSPePsPIPSC— PePsPjPē. Pj C,P°PePsPjCṛ CḡP°P·C- P·P°CḡC,PsCḡCṛPIP°PSPSCḡ PrC-CṛCḡPμC,PēPeC-PI CḡP»C-Pr PSPμPiP°PNēPSPs PiCḡPēPiPēPSPēC,Pē.

PḡPsC,PsC±CṛC,P»PēPIC-CḡC,CHb. PμCḡPē P·P°CḡC,PsCḡCṛPIP°PSPSC- C,C-P°P·PēPrPSPēC...
C,P° C,C-P°P·PēPrPsPiPsPrC-P±PSPēC... PrC-CṛCḡPμC,PēPeC-PI PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PiCḡPs PIPēPSPēPePSPμPSPSCḡ CḡPμP°PeC†C-PNē C,,PsC,PsC±CṛC,P»PēPIPsCḡC,C- (PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C±PSC- CḡPμP°PeC†C-C—B»). Pj CḡP°P·C- PīPsCḡPIPē CḡPμP°PeC†C-C— C,,PsC,PsC±CṛC,P»PēPIPsCḡC,C- PiC-Pr C±P°Cḡ P»C-PeCṛPIP°PSPSCḡ PiCḡPēPNēPsPj PiCḡPμPiP°CḡP°C,Cṛ CḡPμPePsPjPμPSPṛPsPIP°PSPs PiCḡPēPiPēPSPēC,Pē. PīPeC%Ps PḡC" PīPsC,CḡPμP±P° Cṛ PIC-PrPSPsPIP»PμPSPSC- PNēPsPiPs P·P°CḡC,PsCḡCṛPIP°PSPSCḡ, CḡPμPePsPjPμPSPṛCṛC" C,CHbCḡCḡ P·P°C...PēCḡC,PēC,Pē PICḡP°P·P»PēPIC- PrC-P»CḡPSPePē PIC-Pr CḡPsPSC†Cḡ P°P±Ps PrPḡPμCḡPμP» CēC,CṛC±PSPsPiPs CṛP»CHbC,CḡP°C,,C-PsP»PμC,Cṛ.

P—P°PiPsP±C-PḡPSC- P·P°C...PsPrPē.

P—P°PiPsP±C-PḡPSC- P·P°C...PsPrPē, CḡPiC-P»CHbPSC- PrP»Cḡ PīPμCḡPēPSPṛPsPiCḡPēP»Cṛ C,P° C-PSPṛP°PiP°PjC-PrCṛ

PμPsCḡCṛCēPμPSPSCḡ C,,CṛPSPeC†C-C— PSPēCḡPsPe. P" P»Cḡ PrPsP·CṛPIP°PSCḡ 2 PjPi/0,625
PjPi C,P° 4 PjPi/1,25 PjPi: PiCḡPē PSP°CḡPIPSPsCḡC,C- PSPēCḡPePsPIPSC— PSPμPrPsCḡC,P°C,PSPsCḡC,C- C,CḡPḡPePsPiPs CḡC,CṛPiPμPSCḡ (PeP»C-CḡPμPSCḡ PeCḡPμP°C,PēPSC-PSCṛ < 30 PjP»/C...PI) P»C-PeCṛPIP°PSPSCḡ PiCḡPμPiP°CḡP°C,PsPj PiCḡPsC,PēPiPsPeP°P·P°PSPμ.

P" P»Cḡ PrPsP·CṛPIP°PSPSCḡ 8 PjPi/2,5 PjPi: PμCḡPē PSP°CḡPIPSPsCḡC,C- PSPēCḡPePsPIPSC— PSPμPrPsCḡC,P°C,PSPsCḡC,C- C,CḡPḡPePsPiPs C,P° PiPsPjC-CḡPSPsPiPs CḡC,CṛPiPμPSCḡ (PeP»C-CḡPμPSCḡ PeCḡPμP°C,PēPSC-PSCṛ < 60 PjP»/C...PI) P»C-PeCṛPIP°PSPSCḡ

PiC7PμPiP°C7P°C,PsPj PiC7PsC,PēPiPsPeP°P·P°PSPμ.

PiPeC%Ps Cr PrPμCΠPePēC... PiP°C†C-C"psc,C-PI P· P°C7C,PμC7C-P°P»CHbPSPsC7
PiC-PiPμC7C,PμPSP·C-C"7C P±PμP· PSP°CΠPIPSPeC... PsP·PSP°Pe PiPsC7C7C€PμPSPSCΠ
C,,CrPSPeC†C-C— PSPeC7PsPe C7PμP·CrP»CHbC,P°C,Pē P»P°P±PsC7P°C,PsC7PSPeC...
PrPsC7P»C-PrP¶PμPSC7C PeC7PsPIC- PrPμPjPsPSC7C,C7C7C7C,CH PsP·PSP°PePē
C,,CrPSPeC†C-PsPSP°P»CHbPSPsC— PSPeC7PePsPIPsC— PSPμPrPsC7C,P°C,PSPsC7C,C-,
P»C-PeC7PIP°PSPSCΠ PiC7PμPiP°C7P°C,PsPj PSPμPsP±C...C-PrPSPs PiC7PēPiPēPSPeC,Pē P·
PjPsP¶P»PēPIC-C7C,C7C P№PsPiPs PIC-PrPSPsPIP»PμPSPSCΠ Cr PjPμPSC€C-P№ PrPsP·C- P°P±Ps
P»PēC€Pμ PsPrPSC-C"7C P· P№PsPiPs C7PeP»P°PrPsPIPēC.... PŷP°PePēPj PiP°C†C-C"psc,P°Pj
PSPμPsP±C...C-PrPSPs PiC7PsPIPsPrPēC,Pē C†P°C7C,PēP№ PjPsPSC-C,PsC7PēPSPi C7C-PIPSΠ
PeP°P»C-C7C C,P° PeC7PμP°C,PēPSC-PSCr PI PeC7PsPIC-: C†PμC7PμP· 2 C,PēP¶PSC- PIC-Pr
PiPsC†P°C,PeC7 P»C-PeC7PIP°PSPSCΠ C,P° PrP°P»C- PePsP¶PSC- PrPIP° PjC-C7CΠC†C- Cr
PiPμC7C-PsPr C,PμC7P°PiPμPIC,PēC†PSPsC— C7C,P°P±C-P»C-P·P°C†C-C—. P°PēPiP°PrPePē
PIPePSPePePSPμPSPSCΠ PSPeC7PePsPIPsC— PSPμPrPsC7C,P°C,PSPsC7C,C-
C7PiPsC7C,PμC7C-PiP°P»PēC7CΠ PiPμC7PμPIP°P¶PSPs Cr PiP°C†C-C"psc,C-PI C-P·
C,CΠP¶PePsC7 C7PμC7C†PμPIPsC7C PSPμPrPsC7C,P°C,PSC-C7C,C7C P°P±Ps
PiPsC7C7C€PμPSPSCΠPj C,,CrPSPeC†C-C— PSPeC7PsPe, Cr C,PsPjCr C†PēC7P»C- P·C-
C7C,PμPSPsP·PsPj PSPeC7PePsPIPsC— P°C7C,PμC7C-C—. PiPμP№ PiC7PμPiP°C7P°C, PSPμ
C7P»C-Pr P·P°C7C,PsC7PsPIC7PIP°C,Pē PiP°C†C-C"psc,P°Pj C-P· P·PSP°C†PSPēPj
PrPIPsP±C-C†PSPēPj C7C,PμPSPsP·PsPj PSPeC7PePsPIPēC... P°C7C,PμC7C-P№ P°P±Ps
C7C,PμPSPsP·PsPj P°C7C,PμC7C-C— C"PrPēPSPsC— C,,CrPSPeC†C-PsPSCrC7C†PsC—
PSPeC7PePē.

P7C7C,PμC7C-P°P»CHbPSP° PiC-PiPsC,PμPSP·C-CΠ C- PrPμC,,C-C†PēC, PIPsPrPē C,P°
PμP»PμPeC,C7PsP»C-C,C-PI. Pj PiP°C†C-C"psc,C-PI C-P· PrPμC,,C-C†PēC,PsPj PSP°C,C7C-C7C
(PsC7PsP±P»PēPIPs PiC7Pē PSP°CΠPIPSsC7C,C- C7C,PμPSPsP·Cr PSPeC7PePsPIPēC...
P°C7C,PμC7C-P№) C-C7PSCrC" C7PēP·PēPe C7C-P·PePsPiPs P·PSPeP¶PμPSPSCΠ
P°C7C,PμC7C-P°P»CHbPSPsPiPs C,PēC7PeC7C. PkPμPsP±C...C-PrPSPeP№
C7PēC7C,PμPjP°C,PēC†PSPeP№ PjPsPSC-C,PsC7PēPSPi C%PsPrPs PeP»C-PSC-C†PSPeC...
PsP·PSP°Pe PrPμC,,C-C†PēC,Cr PIPsPrPē C,P° PμP»PμPeC,C7PsP»C-C,C-PI, C%Ps PjPsP¶Pμ
PIPePSPePePSCrC,Pē PiC7Pē C-PSC,PμC7PeC7C7PμPSC,PSPeC... PIPePiP°PrPeP°C...
P±P»C7PIP°PSPSCΠ P°P±Ps PrC-P°C7PμC—. Pj C,P°PePēC... PiP°C†C-C"psc,C-PI C7P»C-Pr
C7PμPiC7P»C7C7PSPs PePsPSC,C7PsP»C7PIP°C,Pē C7C-PIPμPSC7C
PμP»PμPeC,C7PsP»C-C,C-PI Cr PiP°P°P·PjC- PeC7PsPIC-. PμC7Pē PIPePSPePePSPμPSPSC-
P·PSP°C†PSPsC— P°C7C,PμC7C-P°P»CHbPSPsC— PiC-PiPsC,PμPSP·C-C— PjPsP¶Pμ P±C7C,Pē
PiPsC,C7C-P±PSP° PIPSCrC,C7C-C€PSC7PsPIPμPSPSP° C-PSC,,CrP·C-CΠ
C-P·PsC,PsPSC-C†PSPsPiPs C7PsP·C†PēPSCr PSP°C,C7C-C7C C...P»PsC7PēPrC7C.
PŷPēPjC†P°C7PsPIP° PiC-PiPsC,PμPSP·C-CΠ PSPμ C" PiC7PsC,PēPiPsPeP°P·P°PSPSCΠPj PrP»CΠ
PiC7PsPrPsPIP¶PμPSPSCΠ P»C-PeC7PIP°PSPSCΠ. PμC-C7P»CΠ PIC-PrPSPsPIP»PμPSPSCΠ
PsP±b7™ C" PjCr C†PēC7PeC7P»C7C7C†PsC— PeC7PsPIC- C,P° PSPsC7PjP°P»C-P·P°C†C-C—
P°C7C,PμC7C-P°P»CHbPSPsPiPs C,PēC7PeC7C P»C-PeC7PIP°PSPSCΠ PjPsP¶PSP°
PIC-PrPSPsPIPēC,Pē Cr P·PjPμPSC€PμPSC-P№ PrPsP·C- P°P±Ps C,C-P»CHbPePē PsPrPSC-C"7C
P·C- C7PeP»P°PrPsPIPēC... PiC7PμPiP°C7P°C,Cr.

P C-PIPμPSC7C PeP°P»C-C7C. P7PsPjP±C-PSP°C†C-CΠ PiPμC7PēPSPPrPsPiC7PēP»Cr C,P°
C-PSPrP°PiP°PjC-PrC7C PSPμ PIPePeP»C7C†P°C" PjPsP¶P»PēPIPsC7C,C- PIPePSPePePSPμPSPSCΠ
PiC-PiPsPeP°P»C-C" PjC-C—, PsC7PsP±P»PēPIPs Cr PiP°C†C-C"psc,C-PI P· C†C7PeC7PsPIPēPj
PrC-P°P±PμC,PsPj P°P±Ps P· PSPeC7PePsPIPsC7C PSPμPrPsC7C,P°C,PSC-C7C,C7C. PiPe C-
PiC7Pē P·P°C7C,PsC7C7PIP°PSPSC- P±C7PrCHb-CΠPePsPiPs
P°PSC,PēPiC-PiPμC7C,PμPSP·PēPIPSsPiPs P·P°C7PsP±C7C PI PePsPjP±C-PSP°C†C-C— P·

PrC-CrC₇H₄PM₂C, PēPePsPj, C₇P»C-Pr PīC₇H₄PsPIPsPrPēC, Pē C₇H₄PM₂PiC₇P»C₇HC₇PSPēPN₂
PePsPSC, C₇H₄PsP»CH C₇H₄-PIPSC₇ PeP°P»C-CH Cr PīP»P°P·PjC- PeC₇H₄PsPIC-.

P°PsPiPsPjC-P₇PSC- C₇H₄PM₂C±PsPIPēPSPē. P°Ps C₇P₇PeP»P°PrC₇ P»C-PeP°C₇C₇CH₄PePsPiPs
P·P°C₇P₇±C₇ PIC...PsPrPēC, CH₄ P»P°PeC, PsP·P°, C, PsPjC₇ PN₂PsPiPs
P·P°C₇C, PsC₇C₇PiP°PSPSC₇ PiC₇H₄PsC, PēPiPsPeP°P·P°PSP₇ PiP°C₇C-C°PSC, P°Pj P·
C₇H₄-PrPeC-C₇PSPsC₇ C₇PiP°PrPePsPIPsC₇ PSP₇PM₂C₇H₄PM₂PSPsC₇PēPjC-C₇C, CH₄
PiP°P»P°PeC, PsP·Pē, C₇PēPSP₇C₇H₄PsPjPsPj PjP°P»CH₄P°P±C₇PsC₇H₄±C₇C- PiP»CH₄PePsP·Pē-
PiP°P»P°PeC, PsP·Pē, PSP₇PM₂PrPsC₇C, P°C, PSC-C₇C, CH₄ P»P°PeC, P°P·Pē.

P-P°PiPsP±C-P₇PSC- P·P°C...PsPrPē, PiPsPI₇™ C₇IP·P°PSC- P· PiP₇PM₂C₇H₄PePSP₇PrPsPiC₇H₄PeP»PsPj

P₇°C₇PM₂P»CH₄. PM₂PsPIC-PrPsPjP»C₇IP»PsC₇C₇ PīC₇H₄Ps PIPēPSPēPePSP₇PM₂PSPSC₇
C₇C₇C...PsPiPs PeP°C₇P»CH₄ PiC-Pr C₇P°C₇ C, PM₂C₇H₄P°PiC-C- C-P₇PM₂PM₂. PjPM₂PN₂ PeP°C₇PM₂P»CH₄
C° C₇C, C-PN₂PePēPj C- PīC₇H₄PēPiPēPSC₇IC°C, CH₄C₇C₇ PiC-C₇P»C₇ PIC-PrPjC-PSPē
PīC₇H₄PM₂PiP°C₇P°C, Cr. Pj C₇H₄P°P·C- PiPsC₇IPiPē C₇CH₄PsPiPs C₇PēPjPiC, PsPjC₇
PSP₇PM₂Ps±C...C-PrPSPs P±C₇H₄P°C, Pē PrPs CrPIP°PiPē PjPsP₇IP»PēPIC-C₇C, CH₄ PN₂PsPiPs
C₇IC, C₇H₄PsPiPM₂PSPSPsC- PM₂C, C-PsP»PsPiC-C-. PīPeC%₇Ps PīC₇H₄PeP·PSP°C₇PM₂PSPSC₇ C-P₇PM₂PM₂
PrP»C₇ P»C-PeC₇PIP°PSPSC₇ PiP°C₇C-C°PSC, P° C° PSP₇PM₂Ps±C...C-PrPSPēPj, PjPsP₇IP₇
P±C₇C, Pē PīC₇H₄PēPN₂PSC₇IC, PM₂ C₇H₄-C₇PM₂PSPSC₇ PīC₇H₄Ps PīC₇H₄PsPrPsPIP₇PM₂PSPSC₇
C, PM₂C₇H₄P°PiC-C-.

P PēP·PēPe P°C₇H₄, PM₂C₇H₄-P°P»CH₄PSPsC- PiC-PiPsC, PM₂PSP·C-C- C, P°/P°P±Ps
PSPēC₇H₄PePsPIPsC- PSP₇PM₂PrPsC₇C, P°C, PSPsC₇C, C- (Cr C₇H₄P°P·C- PSP°C₇IPiPSPsC₇C, C-
C₇P₇PM₂C₇C₇PM₂IPiPsC- PSP₇PM₂PrPsC₇C, P°C, PSPsC₇C, C-, PrPM₂C, C-C₇PēC, Cr PIPsPrPē C, P°
PM₂P»PM₂PeC, C₇H₄PsP»C-C, C-PI). P-PSP°C₇PSP° C₇C, PēPjC₇P»C₇IC₇C-C₇ P P₇PM₂PM₂
C₇PiPsC₇C, PM₂C₇H₄-PiP°P»P°C₇C₇ PiC-Pr C₇P°C₇ PiPsC₇C, C₇H₄PsPiPs PrPM₂C, C-C₇PēC, Cr PIPsPrPē
C, P° PM₂P»PM₂PeC, C₇H₄PsP»C-C, C-PI (C₇C₇PIPsC₇H₄P° P±PM₂·C₇P₇PM₂»CH₄PsPIP° PrC-C°C, P° P°P±Ps
C, C₇H₄PēPIP°P»PM₂ P»C-PeC₇PIP°PSPSC₇ PrC-C₇C₇PM₂C, PēPeP°PjPē) Cr PīP°C₇C-C°PSC, C-PI C-P·
PSPēP·CH₄PePēPj P°C₇H₄, PM₂C₇H₄-P°P»CH₄PSPēPj C, PēC₇PēPsPj, PīC₇H₄Pe PSP°C₇IPiPSPsC₇C, C-
C₇C, PM₂PSPsP·Cr PSPēC₇H₄PePsPIPēC... P°C₇H₄, PM₂C₇H₄-PN₂, P·P°C₇C, C-PN₂PSPsC-
C₇P₇PM₂C₇C₇PM₂IPiPsC- PSP₇PM₂PrPsC₇C, P°C, PSPsC₇C, C- P°P±Ps C₇PēC₇PsP·Cr PiPM₂C₇C-PSPePē P·
PSP°P±C₇C₇IPeP°PjPē C, P° P°C₇C₇PēC, PsPj. P°P»PsPeC₇PIP°PSPSC₇ C₇C-C°C- C₇PēC₇C, PM₂PjPē
C-P₇PM₂PM₂, PsC₇P₇±P»PēPIPs PiC-Pr C₇P°C₇ PiPM₂C₇PM₂PePsPiPs P·P°C₇C, PsC₇C₇PiP°PSPSC₇ C, P°
PīC₇H₄PsC, C₇IPiPsPj PīPM₂C₇PM₂PeC... 2 C, PēP₇PSC-PI P»C-PeC₇PIP°PSPSC₇, PjPsP₇IP₇
C₇PiC₇H₄PeC₇PēPSPēC, Pē C₇H₄-P·PePM₂ P·PSPēP₇IP₇PM₂PSPSC₇ P°C₇H₄, PM₂C₇H₄-P°P»CH₄PSPsPiPs
C, PēC₇PēCr C, P°/P°P±Ps PiC-PrPIPēC%₇PM₂PSPSC₇ C₇H₄-PIPSC₇ PeC₇H₄PM₂P°C, PēPSC-PSC₇ Cr
PiP»P°P·PjC- PeC₇H₄PsPIC-, C%₇Ps PiC-PrC, PIP₇PM₂C₇PrP₇IP₇C°C° PSP°C₇IPiPSC-C₇C, CH₄
C, CrPSPeC₇C-PsPSP°P»CH₄PSPsC- PSPēC₇H₄PePsPIPsC- PSP₇PM₂PrPsC₇C, P°C, PSPsC₇C, C-.
P₇PSPsPrC-, C...PsC₇P° PN₂ C₇H₄-PrPePs, C₇PM₂ PjPsP₇IP₇ PIPēPSPēPePSC₇C, Pē Cr P±C₇PrCH₄-
C₇IPePēPN₂ C₇P°C₇ C, P° PjP°C, Pē PiPsC₇C, C₇H₄PePN₂ PiPsC₇P°C, PsPe. Pj C, P°PePēC...
PIPēPiP°PrPeP°C... P»C-PeC₇PIP°PSPSC₇ C₇P»C-Pr C₇H₄PsP·PiPsC₇PēPSP°C, Pē P· PjPM₂PSC₇PePsC-
PrPsP·Pē P· PiPsC₇C, CrPiPsPIPēPj C-C- P·P±C-P»CH₄C₇PM₂PSPSC₇IPj.

PM₂P°C₇C-C°PSC, Pē P»C-C, PSC₇H₄PsPiPs PIC-PeC₇. PM₂PM₂C₇H₄PM₂Pr PīPsC₇P°C, PePsPj
P»C-PeC₇PIP°PSPSC₇ C₇P»C-Pr PiPM₂C₇H₄PM₂PIC-C₇H₄PeC, Pē C, CrPSPeC₇C-C₇ PSPēC₇H₄PsPe C-
C₇H₄-PIPM₂PSC₇ PeP°P»C-CH Cr PeC₇H₄PsPIC-. P°P»C₇ P·PSPēP₇IP₇PM₂PSPSC₇ C₇H₄PeP·PēPeC₇
PIPēPSPēPePSP₇PM₂PSPSC₇ C₇H₄P°PiC, PsPIPsC- P°C₇H₄, PM₂C₇H₄-P°P»CH₄PSPsC-
PiC-PiPsC, PM₂PSP·C-C-, PsC₇P₇±P»PēPIPs PīC₇H₄Pe PSP°C₇IPiPSPsC₇C, C- PrPM₂C, C-C₇PēC, Cr
PIPsPrPē P°P±Ps PM₂P»PM₂PeC, C₇H₄PsP»C-C, C-PI, PiPsC₇P°C, PePsPIC₇ PrPsP·Cr
PīC₇H₄PM₂PiP°C₇P°C, Cr C₇P»C-Pr PePsC₇H₄PePiC₇PIP°C, Pē P·P°P»PM₂P₇IPSPs PIC-Pr
PIC-PrPiPsPIC-PrC- P°C₇H₄, PM₂C₇H₄-P°P»CH₄PSPsPiPs C, PēC₇PēCr PSP° P»C-PeC₇PIP°PSPSC₇.

PhC, PμCηPsCfPeP»PμCηPsP. P PēP·PēPe PIPēPSPēPePSPμPSPSCl
P°CηC, PμCηC-P°P»CHPSPsC— PiC-PiPsC, PμPSP·C-C— C-CfPSCfC” PI C fCfC-C...
PiCηCfPiP°C... PiP°C†C-C”PSC, C-PI, P°P»Pμ PiP°C†C-C”PSC, P°Pj P· C-CēPμPjC-C†PSPsCη
C...PIP sCηPsP±PsCη CfPμCηC†Cl P°P±Ps PSPμPrPsCfC, P°C, PSC-CfC, Cη
C†PμCηPμP±CηP°P»CHPSPsPiPs PeCηPsPiPsPsP±C-PiCf PiCηPμPiP°CηP°C, CfP»C-Pr
P·P°CfC, PsCfPsPICfPiP°C, Pē P· PsCfPsP±P»PēPiPsCη PsP±PμCηPμP¶PSC-CfC, Cη,
CηPsP·PiPsC†PēPSP°CηC†Pē P»C-PeCfPiP°PSPSCl P· PSPēP·CHPePsC— PrPsP·Pē.

P PμPSPsPiP°CfPeCfP»ClCηPSP° PiC-PiPμCηC, PμPSP·C-Cl. P>C-PeCfPiP°PSPSClPj
CηPμPSPsPiP°CfPeCfP»ClCηPSPsC— PiC-PiPμCηC, PμPSP·C-C— C”
CηPμPiP°CfPeCfP»ClCηPēP·P°C†C-Cl. PμCηPsC, Pμ C-PēPμPα PjPsP¶CfC, CH P±CfC, Pē
PePsCηPēCfPSPēPjPē PrP»Cl PiP°C†C-C”PSC, C-PI C-P· CηPμPSPsPiP°CfPeCfP»ClCηPSPsCη
PiC-PiPμCηC, PμPSP·C-C”Cη, ClPeC- C†PμPeP°CηC, CH PSP° PsPiPμCηP°C†C-Cη P°P±Ps
ClPeC%oPs C, P°PeP° PsPiPμCηP°C†C-Cl PSPμPjPsP¶P»PēPiP°.

P”P»Cl PrPsP·CzPIP°PSCη 2 PjPi/0,625 PjPi C, P° 4 PjPi/1,25 PjPi: ClPeC%oPs P†Pκ-PēP>P†PŷP·P
PiCηPēP·PSP°C†PμPSPēPNē PiP°C†C-C”PSC, P°Pj C-P· PSP°ClPIPSPēPj CfC, PμPSPsP·PsPj
PSPēCηPePsPiPsC— P°CηC, PμCηC-C— P°P±Ps P· PiC-PrPsP·CηPsCη PSP° PSCηPsPiPs,
P»C-PeCfPiP°PSPSCl PSPμPsP±C...C-PrPSPs CηPsP·PiPsC†PēPSP°C, Pē PI C fPjPsPiP°C...
CfC, P°C†C-PsPSP°CηCf P· PSPēP·CHPePsC— PrPsP·Pē C- PiC-Pr PePsPSC, CηPsP»PμPj
CηC-PIPSCl PeP°P»C-Cη PI PeCηPsPIC-, PsCfPeC-P»CHPePē C f PrPμClPePēC...
PiP°C†C-C”PSC, C-PI CfPiPsCfC, PμCηC-PiP°P»P°CfCH C,, CfPSPeC†C-PsPSP°P»CHPSP°
PSPēCηPePsPiP° PSPμPrPsCfC, P°C, PSC-CfC, CH, ClPeP° P±CfP»P° PsP±PsCηPsC, PSPsCη
PiCηPē PiCηPēPiPēPSPμPSPSC- P»C-PeCfPiP°PSPSCl.

P”P»Cl PrPsP·CzPIP°PSPSCl 8 PjPi/2,5 PjPi: P†Pκ-PēP>P†PŷP·P PSPμ CfP»C-Pr
PiCηPēP·PSP°C†P°C, Pē PiP°C†C-C”PSC, P°Pj C-P· PSP°ClPIPSPēPj CfC, PμPSPsP·PsPj
PSPēCηPePsPiPsC— P°CηC, PμCηC-C— P°P±Ps P· PiC-PrPsP·CηPsCη PSP° PSCηPsPiPs. Pj
C, P°PePsPjCf PIPēPiP°PrPeCf P»C-PeCfPiP°PSPSCl PSPμPsP±C...C-PrPSPs
CηPsP·PiPsC†PēPSP°C, Pē PI C fPjPsPiP°C... CfC, P°C†C-PsPSP°CηCf P· PjPμPSCēPsC— PrPsP·Pē,
PSC-P¶ CηPμPePsPjPμPSPPrPsPiP°PSP° PrPsP·P° PiCηPμPiP°CηP°C, Cf.

PŷPμCηC†PμPiP° PSPμPrPsCfC, P°C, PSC-CfC, CH/CfPμCηC†PμPiP°
PSPμPrPsCfC, P°C, PSC-CfC, CH C, ClP¶PePsPiPs CfC, CfPiPμPSCl. P>C-PeCfPiP°PSPSCl
PiP°C†C-C”PSC, C-PI C-P· CfPμCηC†PμPiPsCη PSPμPrPsCfC, P°C, PSC-CfC, Cη C, ClP¶PePsPiPs
CfC, CfPiPμPSCl (IV PeP»P°CfCf) CfP»C-Pr CηPsP·PiPsC†PēPSP°C, Pē PiC-Pr PjPμPrPēC†PSPēPj
PSP°PiP»ClPrPsPj P·C- P·PjPμPSCēPμPSPsC— PiPsC†P°C, PePsPiPsC— PrPsP·Pē.
P>C-PeCfPiP°PSPSCl β-P±P»PsPeP°C, PsCηP°PjPē PiP°C†C-C”PSC, C-PI P·
P°CηC, PμCηC-P°P»CHPSPsCη PiC-PiPμCηC, PμPSP·C-C”Cη C, P° PePsCηPsPSP°CηPSPsCη
PSPμPrPsCfC, P°C, PSC-CfC, Cη PiCηPēPiPēPSClC, Pē PSPμ PiPsC, CηC-P±PSPs,
PSPμPsP±C...C-PrPSPs PrPsPrP°C, Pē C-PēPμPα PrPs β-P±P»PsPeP°C, PsCηP°.

PμP°C†C-C”PSC, Pē P· C†CfPeCηPsPiPēPj PrC-P°P±PμC, PsPj. P>C-PeCfPiP°PSPSCl
PiP°C†C-C”PSC, C-PI P· C-PSCfCfP»C-PSPsP·P°P»PμP¶PSPēPj C†CfPeCηPsPiPēPj
PrC-P°P±PμC, PsPj (CfPiPsPSC, P°PSPSP° C, PμPSPPrPμPSC†C-Cl PrPs PiC-PrPiPēC%oPμPSPSCl
CηC-PIPSCl PeP°P»C-Cη PI PeCηPsPIC-) CfP»C-Pr CηPsP·PiPsC†PēPSP°C, Pē PiC-Pr
PjPμPrPēC†PSPēPj PSP°PiP»ClPrPsPj P·C- P·PSPēP¶PμPSPsC— PiPsC†P°C, PePsPiPsC— PrPsP·Pē.
Pj PiP°C†C-C”PSC, C-PI C-P· C†CfPeCηPsPiPēPj PrC-P°P±PμC, PsPj, ClPeC- CηP°PSC-CēPμ
P·P°CfC, PsCfPsPICfPiP°P»Pē PiPμCηPsCηP°P»CHPSC- C†CfPeCηPsP·PSPēP¶CfPiP°P»CHPSC-
P·P°CfPsP±Pē P°P±Ps C-PSCfCfP»C-PS, PSPμPsP±C...C-PrPSPs CηPμC, PμP»CHPSPs
PePsPSC, CηPsP»CηPiP°C, Pē CηC-PIPμPSCη PiP»CηPePsP·Pē C f PeCηPsPIC-,
PsCfPsP±P»PēPiPs PiCηPsC, ClPiPsPj PiPμCηCēPsPiPs PjC-CfClC†Cl P»C-PeCfPiP°PSPSCl

C-PhP₄P_α (PrP₆PI. C₇PsP·PrC-P» B«P'P·P°C" PjPsPrC-C₄ P· C-PSC€P₆PjP₆
P»C-PeP°C₇C₇CH₆PeP₆PjP₆ P·P°C₇PsP±P°PjP₆ C,P° C-PSC€C- PIP₆PrP₆ PIP·P°C" PjPsPrC-PN₆B»).

P P°C₇PsPIC- PsC₇PsP±P»P₆PIPsC₇C,-. P₄P₄C₇P₆PSPrPsP₆C₇P₆P», C₄Pe C- C-PSC€C-
C-PhP₄P_α, PjP₄PSC€ P₄C,,P₄PeC,P₆PIPSPs P·PSP₆P₇C₇" P°C₇C,P₄C₇C-P°P»CH₆PSP₆PN₆
C,P₆C₇Pe C₇ P₆P°C₇C-C" PSC,C-PI PSP₄PiC₇PsC-PrPSPsC- C₇P°C₇P₆·
PiC-PiP₄C₇C,P₄PSP·C-C" C₇, PSC-P₇ PI PsC₇C-P± C-PSC€P₆C... C₇P°C₇, C%₆Ps,
PjPsP₇P»P₆PIPs, PiPsC₄C₇PSC₇C" C,CH₆C₇C₄ PSP₆P·CH₆PeP₆Pj C₇C-PIPSP₄Pj C₇P₄PSC-PSC₇
C₇ P₆P»P°P·PjC- PeC₇PsPIC- C,P°PeP₆C... C...PIP₆C₇P₆C....

PI₇C-C₇C₇C₇PiC-C₄PSP₄ PIC,C₇C₇C₄P°PSPSC₄/P°PSP₄C₇C,P₄P·C-C₄. C-PhP₄P_α PjPsP₇C₇C,CH₆
C₇PiC₇P₆C₄P₆PSP₆C,P₆ P°C₇C,P₄C₇C-P°P»CH₆PSC₇ PiC-PiPsC,P₄PSP·C-C₇ PiC₇P₆
PiC₇PsPIP₄PrP₄PSPSC- P°PSP₄C₇C,P₄P·C-C—, PsC₇PsP±P»P₆PIPs PiC-Pr C₄P°C₇
P·P°C₇C,PsC₇C₇PIP°PSPSC₄ P°PSP₄C₇C,P₄C,P₆PeP° P· PiC-PiPsC,P₄PSP·P₆PIPSP₆Pj
PiPsC,P₄PSC₇C-P°P»PsPj. P₇PsPjC₇ P»C-PeC₇PIP°PSPSC₄ C-PhP₄P_α C,C₇P₆PIP°P»PsC- PrC-C—,
C,P°PeP₆Pj C₄Pe PiP₄C₇P₆PSPrPsP₆C₇P₆P», C₇ C₇P°P·C- PjPsP₇P»P₆PIPsC₇C,-
C₇P₄PePsPjP₄PSP₇C₇C,CH₆C₇C₄ PiC₇P₆PiP₆PSP₆C,P₆ P·P° 1 PrPsP±C₇ PrPs
C...C-C₇C₇C₇PiC-C₄PSPsPiPs PIC,C₇C₇C₄P°PSPSC₄.

P₇C,P₄PSPsP· P°PsC₇C,P°P»CH₆PSPsPiPs P°P±Ps PjC-C,C₇P°P»CH₆PSPsPiPs
PeP»P°PiP°PSC-PI/PiC-PiP₄C₇C,C₇PsC,,C-C₄PSP° PeP°C₇PrC-PsPjC-PsPiP°C,C-C₄.
P₄P°C₇C-C" PSC,P°Pj P· PsP±C₇C,C₇C₇PeC₇C-C" C₇ PIP₆C...PsPrC₇ P· P»C-PIPsPiPs
C€P»C₇PSPsC₄PeP° C₇P»C-Pr P· PsP±P₄C₇P₄P₇PSC-C₇C,C₇ P·P°C₇C,PsC₇PsPIC₇PIP°C,P₆
C-PhP₄P_α.

P₄P₄C₄C-PSPePsPIP° PSP₄PrPsC₇C,P°C,PSC-C₇C,C₇. P C-PrPePs P·P°C₇C,PsC₇C₇PIP°PSPSC₄
C-PhP₄P_α P°C₇PsC₇C-C₇PIP°P»PsC₇C₄ P· PIP₆PSP₆PePSP₄PSPSC₄Pj C₇P₆PSPrC₇PsPjC₇,
C%₆Ps C₇PsP·PiPsC₄P₆PSP°C" C,CH₆C₇C₄ P· C...PsP»P₄C₇C,P°C,P₆C₄PSPsC—
P₇PsPIC,C₄PSP₆C₇C- C,P° PiC₇PsPiC₇P₄C₇C₇" PrPs C€PIP₆PrPePsPiP»P₆PSPSPsPiPs
PSP₄PeC₇PsP·C₇ PiP₄C₄C-PSPeP₆, C-PSPsPrC- P· P»P₄C,P°P»CH₆PSP₆Pj PSP°C₇P»C-PrPePsPj.
P₄P°C₇C-C" PSC,P°Pj, C₇ C₄PeP₆C... PiC-Pr C₄P°C₇ PiC₇P₆PN₆PsPjC₇ C-PhP₄P_α
C₇PsP·PIP₆PSC₇P»P°C₇C₄ P₇PsPIC,C₄PSP₆C₇C₄ P· PiC-PrPIP₆C%₆P₄PSPSC₄Pj C₇C-PIPSC₄
PiP₄C₄C-PSPePsPIP₆C... C,,P₄C₇PjP₄PSC,C-PI, C₇P»C-Pr PiC₇P₆PiP₆PSP₆C,P₆
P·P°C₇C,PsC₇C₇PIP°PSPSC₄ C-PhP₄P_α C,P° P·P°P±P₄P·PiP₄C₄P₆C,P₆ PIC-PrPiPsPIC-PrPSP₆PN₆
PjP₄PrP₆C₄PSP₆PN₆ PSP°PiP»C₄Pr (PrP₆PI. C₇PsP·PrC-P» B«P₄PsP±C-C₄PSC-
C₇P₄P°PeC₇C-C-B»).

P"C-PiP₄C₇PeP°P»C-C" PjC-C₄. PJ PrP₄C₄PeP₆C... PiP°C₇C-C" PSC,C-PI, C₄PeC-
P·P°C₇C,PsC₇PsPIC₇PIP°P»P₆ C-PhP₄P_α, C₇ C,PsPjC₇ C₄P₆C₇P»C-
PiP₄C₇P₆PSPrPsP₆C₇P₆P», PIC-PrP·PSP°C₄P°P»PsC₇C₄ P·P±C-P»CH₆C€P₄PSPSC₄
C₇C-PIPSC₄ PeP°P»C-C₇ C₇ C₇P₆C₇PsPIP°C,C₇C- PeC₇PsPIC-. P₇PSPiC-P±C-C,PsC₇P₆
PhP₄P_α PjPsP₇C₇C,CH₆ PIP₆PeP»P₆PeP°C,P₆ PiC-PiP₄C₇PeP°P»C-C" PjC-C₇,
PsC₇PeC-P»CH₆PeP₆ PiC₇P₆PiPSC-C₄C₇C,C₇ PIP₆PIC-P»CH₆PSP₄PSPSC₄
P°P»CH₆PrPsC₇C,P₄C₇PsPSC₇. PJ PiP°C₇C-C" PSC,C-PI P· PSPsC₇PjP°P»CH₆PSPsC₇
C,,C₇PSPeC₇C-C" C₇ PSP₆C₇PsPe C₄P₄PN₆ P₄C,,P₄PeC, P·P°P·PIP₆C₄P°PN₆ PSP₄P·PSP°C₄PSP₆PN₆.
P"Ps C,,P°PeC,PsC₇C-PI C₇P₆P·P₆PeC₇ PIP₆PSP₆PePSP₄PSPSC₄ PiC-PiP₄C₇PeP°P»C-C" PjC-C—
PSP°P»P₄P₇P°C,CH₆ PSP₆C₇PePsPIP° PSP₄PrPsC₇C,P°C,PSC-C₇C,C₇, PiPsPiC-C₇C€P₄PSPSC₄
C,,C₇PSPeC₇C-C— PSP₆C₇PsPe, PIC-Pe PiPsPSP°Pr 70 C₇PsPeC-PI, C₇C₇PeC₇PsPIP₆PN₆
PrC-P°P±P₄C,, C-PSC,P₄C₇PeC₇P₄PSC,PSC- C₇C,P°PSP₆, PsC₇PsP±P»P₆PIPs
PrP₄PiC-PrC₇P°C,P°C₇C-C₄, PiPsC₇C,C₇P° C₇P₄C₇C₄P₄PIP° PrP₄PePsPjPiP₄PSC₇P°C₇C-C₄,
PjP₄C,P°P±PsP»C-C₄PSP₆PN₆ P°C₇P₆PrPsP· C,P° PsPrPSPsC₄P°C₇PSP₄

$P \cdot P^{\circ} C \Gamma C, P s C \Gamma C r P I P^{\circ} P S P S C \sqcup P \cdot P e P^{\circ} P \gg C - P N_{\circ} P \cdot P \pm P_{\mu} C \tilde{H} C - P i P^{\circ} C \tilde{H} C \ddagger P \ddot{e} P j P \ddot{e}$
 $P r C - C r C \tilde{H} P_{\mu} C, P \ddot{e} P e P^{\circ} P j P \ddot{e} (P S P^{\circ} P i C \tilde{H} P \ddot{e} P e P \gg P^{\circ} P r C \Gamma P i C - C \tilde{H} P s P S P s P \gg P^{\circ} P e C, P s P S P s P j,$
 $P_{\mu} P i P \gg P_{\mu} C \tilde{H} P_{\mu} P S P s P S P s P j, C, C \tilde{H} P \ddot{e} P^{\circ} P j C, P_{\mu} C \tilde{H} P_{\mu} P S P s P j, P^{\circ} P j C - P \gg P s C \tilde{H} P \ddot{e} P r P s P j),$
 $P r P s P \pm P^{\circ} P i P e P^{\circ} P j P \ddot{e} P^{\circ} P \pm P s P \cdot P^{\circ} P j C - P S P S P \ddot{e} P e P^{\circ} P j P \ddot{e} C \Gamma P s P \gg C -, C \% P s P j C - C \Gamma C, C \sqcup C, C \tilde{H}$
 $P e P^{\circ} P \gg C - P N_{\circ}; P^{\circ} P \pm P s P \cdot P^{\circ} C \Gamma C, P s C \Gamma C r P I P^{\circ} P S P S C \sqcup C - P S C \epsilon P \ddot{e} C \dots P i C \tilde{H} P_{\mu} P i P^{\circ} C \tilde{H} P^{\circ} C, C - P I,$
 $P i P s P i \mathfrak{b} \tilde{H}^{\text{TM}} C \sqcup P \cdot P^{\circ} P S P \ddot{e} C \dots C - P \cdot P i C - P r P I P \ddot{e} C \% P_{\mu} P S P S C \sqcup P j C \tilde{H} C - P I P S C \sqcup P e P^{\circ} P \gg C - C \tilde{H} C r$
 $C \Gamma P \ddot{e} C \tilde{H} P s P I P^{\circ} C, C \dagger C - P e C \tilde{H} P s P I C - (P S P^{\circ} P i C \tilde{H} P \ddot{e} P e P \gg P^{\circ} P r P i P_{\mu} P i P^{\circ} C \tilde{H} P \ddot{e} P S C r, P e P s -$
 $C, C \tilde{H} P \ddot{e} P j P s P e C \Gamma P^{\circ} P \cdot P s P \gg C r, C, P^{\circ} P e P s P \P P I C - P r P s P j P s P i P s C \sqcup P e$
 $C, C \tilde{H} P \ddot{e} P j P_{\mu} C, P s P i C \tilde{H} P \ddot{e} P j / C \Gamma C r P \gg C \tilde{H} C, P^{\circ} P j P_{\mu} C, P s P e C \Gamma P^{\circ} P \cdot P s P \gg, C - P s C \Gamma P s P \pm P \gg P \ddot{e} P I P s$
 $P^{\circ} P S C, P^{\circ} P i P s P S C - C \Gamma C, C - P I P^{\circ} P \gg C \tilde{H} P r P s C \Gamma C, P_{\mu} C \tilde{H} P s P S C r P^{\circ} P \pm P s P \pm P \gg P s P e P^{\circ} C, P s C \tilde{H} C - P I$
 $C \tilde{H} P_{\mu} C \dagger P_{\mu} P i C, P s C \tilde{H} C - P I P^{\circ} P S P i C - P s C, P_{\mu} P S P \cdot P \ddot{e} P S C r, C - P S C \epsilon P \ddot{e} C \dots C - P \mathfrak{h} P_{\mu} P \mathfrak{x},$
 $P^{\circ} P S C, P^{\circ} P i P s P S C - C \Gamma C, C - P I C \tilde{H} P_{\mu} C \dagger P_{\mu} P i C, P s C \tilde{H} C - P I P^{\circ} P S P i C - P s C, P_{\mu} P S P \cdot P \ddot{e} P S C r P \dagger P \dagger,$
 $P^{\circ} C \dagger P_{\mu} C, P \ddot{e} P \gg C \Gamma P^{\circ} P \gg C - C \dagger P \ddot{e} P \gg P s P I P s C - P e P \ddot{e} C \Gamma P \gg P s C, P \ddot{e} P I P r P s P \cdot C - \geq 3 P i / P r P s P \pm C r,$
 $C - P S P i C - P \pm C - C, P s C \tilde{H} C - P I P i P \mathfrak{h} P'' - 2 C, P^{\circ} P S P_{\mu} C \Gamma P_{\mu} P \gg P_{\mu} P e C, P \ddot{e} P I P S P \ddot{e} C \dots P \acute{K} P_{\mu} P - P -,$
 $C - P j C r P S P s P r P_{\mu} P i C \tilde{H} P_{\mu} C \Gamma P \ddot{e} P I P S P \ddot{e} C \dots P \cdot P^{\circ} C \Gamma P s P \pm C - P I, C, P^{\circ} P e P \ddot{e} C \dots C \sqcup P e$
 $C \dagger P \ddot{e} P e P \gg P s C \Gamma P i P s C \tilde{H} P \ddot{e} P s P^{\circ} P \pm P s C, P^{\circ} P e C \tilde{H} P s P \gg C - P j C r C \Gamma, C, C \tilde{H} P \ddot{e} P j P_{\mu} C, P s P i C \tilde{H} P \ddot{e} P j).$
 $P - P^{\circ} C \Gamma C, P s C \Gamma C r P I P^{\circ} P S P S C \sqcup P r P s P \pm P^{\circ} P I P s P e P^{\circ} P \pm P s P \cdot P^{\circ} P j C - P S P S P \ddot{e} P e C - P I C \Gamma P s P \gg C -, C \% P s$
 $P j C - C \Gamma C, C \sqcup C, C \tilde{H} P e P^{\circ} P \gg C - P N_{\circ}, P e P^{\circ} P \gg C - P N_{\circ} P \cdot P \pm P_{\mu} C \tilde{H} C - P i P^{\circ} C \tilde{H} C \ddagger P \ddot{e} C \dots P r C - C r C \tilde{H} P_{\mu} C, P \ddot{e} P e C - P I,$
 $P s C \Gamma P s P \pm P \gg P \ddot{e} P I P s P I P^{\circ} C \dagger C - C'' P S C, C - P I C - P \cdot P i P s C \tilde{H} C r C \epsilon P_{\mu} P S P S C \sqcup P j C, C r P S P e C \dagger C - C -$
 $P S P \ddot{e} C \tilde{H} P s P e, P j P s P \P P_{\mu} P i C \tilde{H} P \ddot{e} P \cdot P I P_{\mu} C \Gamma C, P \ddot{e} P r P s P \cdot P S P^{\circ} C \dagger P S P s P i P s P i C - P r P I P \ddot{e} C \% P_{\mu} P S P S C \sqcup$
 $C \tilde{H} C - P I P S C \sqcup P e P^{\circ} P \gg C - C \tilde{H} P I C \Gamma P \ddot{e} C \tilde{H} P s P I P^{\circ} C, C \dagger C - P e C \tilde{H} P s P I C -. P'' C - P i P_{\mu} C \tilde{H} P e P^{\circ} P \gg C - C'' P j C - C \sqcup$
 $P j P s P \P P_{\mu} C \Gamma P i C \tilde{H} P \ddot{e} C \ddagger P \ddot{e} P S P \ddot{e} C, P \ddot{e} C \Gamma P_{\mu} C \tilde{H} P N_{\circ} P s P \cdot P S C r, C - P S P s P r C - P \gg P_{\mu} C, P^{\circ} P \gg C \tilde{H} P S C r$
 $P^{\circ} C \tilde{H} P \ddot{e} C, P j C - C \tilde{H}. B P_{\mu} P^{\circ} C \dagger C - C'' P S C, P^{\circ} P j, C \sqcup P e C - P \cdot P^{\circ} C \Gamma C, P s C \Gamma P s P I C r C \tilde{H} C, C \tilde{H} C - P \mathfrak{h} P_{\mu} P \mathfrak{x},$
 $C \Gamma P \gg C - P r P \cdot P s P \pm P_{\mu} C \tilde{H} P_{\mu} P \P P S C - C \Gamma C, C \tilde{H} P \cdot P^{\circ} C \Gamma C, P s C \Gamma P s P I C r P I P^{\circ} C, P \ddot{e}$
 $P e P^{\circ} P \gg C - P N_{\circ} P \cdot P \pm P_{\mu} C \tilde{H} C - P i P^{\circ} C \tilde{H} C \ddagger C - P r C - C r C \tilde{H} P_{\mu} C, P \ddot{e} P e P \ddot{e} C, P^{\circ} P \pm P \gg P s P e P^{\circ} C, P s C \tilde{H} P \ddot{e}$
 $C \tilde{H} P_{\mu} C \dagger P_{\mu} P i C, P s C \tilde{H} C - P I P^{\circ} P S P i C - P s C, P_{\mu} P S P \cdot P \ddot{e} P S C r, P^{\circ} C, P^{\circ} P e P s P \P P i C \tilde{H} P s P I P s P r P \ddot{e} C, P \ddot{e}$
 $C \tilde{H} P_{\mu} C, P_{\mu} P \gg C \tilde{H} P S P \ddot{e} P N_{\circ} P j P s P S C - C, P s C \tilde{H} P \ddot{e} P S P i C \tilde{H} C - P I P S C \sqcup P e P^{\circ} P \gg C - C \tilde{H} C r$
 $C \Gamma P \ddot{e} C \tilde{H} P s P I P^{\circ} C, C \dagger C - P e C \tilde{H} P s P I C - C, P^{\circ} C, C r P S P e C \dagger C - C - P S P \ddot{e} C \tilde{H} P s P e. P i P e C \% P s$
 $P s P r P S P s C \ddagger P^{\circ} C \Gamma P S P_{\mu} P \cdot P^{\circ} C \Gamma C, P s C \Gamma C r P I P^{\circ} P S P S C \sqcup P I P \ddot{e} C \% P_{\mu} P \cdot P^{\circ} P \cdot P S P^{\circ} C \dagger P_{\mu} P S P \ddot{e} C \dots$
 $P i C \tilde{H} P_{\mu} P i P^{\circ} C \tilde{H} P^{\circ} C, C - P I P I P^{\circ} P \P P^{\circ} C, C \tilde{H} C \Gamma C \sqcup P r P s C \tilde{H} P_{\mu} C \ddagger P S P \ddot{e} P j, C - C \dots C \Gamma P \gg C - P r$
 $P \cdot P^{\circ} C \Gamma C, P s C \Gamma P s P I C r P I P^{\circ} C, P \ddot{e} P \cdot P s P \pm P_{\mu} C \tilde{H} P_{\mu} P \P P S C - C \Gamma C, C \tilde{H} C, P^{\circ} P \cdot C \ddagger P^{\circ} C \Gamma C, P \ddot{e} P j$
 $P e P s P S C, C \tilde{H} P s P \gg P_{\mu} P j C \tilde{H} C - P I P S C \sqcup P e P^{\circ} P \gg C - C \tilde{H} (P r P \ddot{e} P I. C \tilde{H} P s P \cdot P r C - P \gg B \langle P' P \cdot P^{\circ} C'' P j P s P r C - C \sqcup P$
 $C - P S C \epsilon P \ddot{e} P j P \ddot{e} P \gg C - P e P^{\circ} C \tilde{H} C \Gamma C \tilde{H} P e P \ddot{e} P j P \ddot{e} P \cdot P^{\circ} C \Gamma P s P \pm P^{\circ} P j P \ddot{e} C, P^{\circ} C - P S C \epsilon C - P I P \ddot{e} P r P \ddot{e}$
 $P I P \cdot P^{\circ} C'' P j P s P r C - P N_{\circ} B \gg).$

$P - P^{\circ} P i P s P \pm C - P \P P S C - P \cdot P^{\circ} C \dots P s P r P \ddot{e}, P i P s P i \mathfrak{b} \tilde{H}^{\text{TM}} C \sqcup P \cdot P^{\circ} P S C - P \cdot C - P S P r P^{\circ} P i P^{\circ} P j C - P r P s P j$

$P' P^{\circ} P \gg P^{\circ} P S C \Gamma P I P s P r P \ddot{e} C, P^{\circ} P_{\mu} P \gg P_{\mu} P e C, C \tilde{H} P s P \gg C - C, C - P I$

$P C - P I P_{\mu} P S C \tilde{H} P S P^{\circ} C, C \tilde{H} C - C \tilde{H}. P_{\mu} P_{\mu} C \tilde{H} P_{\mu} P r P i P s C \ddagger P^{\circ} C, P e P s P j P \gg C - P e C r P I P^{\circ} P S P S C \sqcup C, P^{\circ}$
 $P \cdot P i P s P r P s P j C \ddagger P_{\mu} C \tilde{H} P_{\mu} P \cdot C \tilde{H} P_{\mu} P i C r P \gg C \sqcup C \tilde{H} P S C - P i C \tilde{H} P s P j C - P \P P e P \ddot{e} C \ddagger P^{\circ} C \Gamma C r C \Gamma P \gg C - P r$
 $P I P \ddot{e} P \cdot P S P^{\circ} C \ddagger P^{\circ} C, P \ddot{e} C \tilde{H} C - P I P_{\mu} P S C \tilde{H} P S P^{\circ} C, C \tilde{H} C - C \tilde{H} C r P i P \gg P^{\circ} P \cdot P j C - P e C \tilde{H} P s P I C -. P - P S P \ddot{e} P \P P_{\mu} P S P S C \sqcup C \tilde{H} C - P I P S C \sqcup P S P^{\circ} C, C \tilde{H} C - C \tilde{H} P I P e C \tilde{H} P s P I C - C \Gamma P i P s C \ddagger P^{\circ} C, P e C r P j P s P \P P_{\mu}$
 $P \pm C r C, P \ddot{e} P \pm P_{\mu} P \cdot C \Gamma P \ddot{e} P j P i C, P s P j P S P \ddot{e} P j, C, P s P j C r P S P_{\mu} P s P \pm C \dots C - P r P S P \ddot{e} P N_{\circ}$
 $C \tilde{H} P_{\mu} P i C r P \gg C \sqcup C \tilde{H} P S P \ddot{e} P N_{\circ} P j P s P S C - C, P s C \tilde{H} P \ddot{e} P S P i. P \mathfrak{h} P s P S C, C \tilde{H} P s P \gg C \tilde{H} C \Gamma P \gg C - P r$
 $P i C \tilde{H} P s P I P s P r P \ddot{e} C, P \ddot{e} C \ddagger P^{\circ} C \Gamma C, C - C \epsilon P_{\mu} C r P i P^{\circ} C \dagger C - C'' P S C, C - P I P \gg C - C, P S C \tilde{H} P s P i P s P I C - P e C r C, P^{\circ}$
 $C \dots P I P s C \tilde{H} P \ddot{e} C \dots P S P^{\circ} C \dagger P \ddot{e} C \tilde{H} P s P \cdot P i P_{\mu} C \ddagger C - P S P e P \ddot{e} (P r P \ddot{e} P I. C \tilde{H} P s P \cdot P r C - P \gg P \ddot{e} B \langle P_{\mu} P s P \pm C - C \ddagger P S C -$
 $C \tilde{H} P_{\mu} P^{\circ} P e C \dagger C - C - B \gg C, P^{\circ} B \langle P_{\mu} P_{\mu} C \tilde{H} P_{\mu} P r P s P \cdot C r P I P^{\circ} P S P S C \sqcup B \gg). P' C r P r C \tilde{H} - C \sqcup P e P_{\mu}$
 $P \gg C - P e C r P I P^{\circ} P S P S C \sqcup P r C - C r C \tilde{H} P_{\mu} C, P \ddot{e} P e P^{\circ} P j P \ddot{e} P j P s P \P P_{\mu} C \Gamma P i C \tilde{H} P \ddot{e} C \ddagger P \ddot{e} P S P \ddot{e} C, P \ddot{e}$
 $P i C - P i P s P S P^{\circ} C, C \tilde{H} C - C'' P j C - C \tilde{H}, C - P S P s P r C - P \cdot P r C r P \P P_{\mu} C \Gamma P_{\mu} C \tilde{H} P N_{\circ} P s P \cdot P S P \ddot{e} P j P \ddot{e}$
 $P S P^{\circ} C \Gamma P \gg C - P r P e P^{\circ} P j P \ddot{e}. P'' C - P i P s P S P^{\circ} C, C \tilde{H} C - C'' P j C - C \sqcup C r P i P s C'' P r P S P^{\circ} P S P S C - P$

PiC-PiPsPIPsP»PµPjC-C"CH PjPsP¶Pµ PiCḡPēP·PIPµCfC,Pē PrPs P·PSPµPIPsPrPSPµPSPSCf C,P°
PsCḡC,PsCfC,P°C,PēC±PSPsC— P°CḡC,PµCḡC-P°P»CHbPSPsC— PiC-PiPsC,PµPSP·C-C—.
PŸCfPiCfC,PSCf PIC,CḡP°C,P° C-PsPSC-PI C...P»PsCḡCf PjPsP¶Pµ PiCḡPēP·PIPµCfC,Pē PrPs
PIC,PsCḡPēPSPSPsPiPs PePsPjPiPµPSCfP°C,PsCḡPSPsPiPs PjPµC,P°P±PsP»C-C±PSPsPiPs
P°P»PeP°P»PsP·Cf: C±P°CfC,PsC,P° C,P° PIPēCḡP°P¶PµPSC-CfC,CH C†CHbPsPiPs PµC,,PµPeC,Cf
PSPµP·PSP°C±PSC-.

P C-PIPµPSCb PeP°P»C-CH. P—PSPēP¶PµPSPSCf CḡC-PIPSCf PeP°P»C-CH PI PeCḡPsPIC- P·
PIPēPSPēPePSPµPSPSCfPj PiC-PiPsPeP°P»C-C"PjC-C— C" PsCfPSPsPIPsPēPj C,,P°PeC,PsCḡPsPj
CḡPēP·PēPeCf PiCḡPē P·P°CfC,PsCfCfPIP°PSPSC- C,C-P°P·PēPrPSPēC... C,P°
C,C-P°P·PēPrPsPiPsPrC-P±PSPēC... PrC-CfCḡPµC,PēPeC-PI. P"C-PiPsPeP°P»C-C"PjC-Cf
PjPsP¶Pµ CfPiCḡPēC±PēPSPēC,Pē Pjḡ™ CfP·PsPIC- CḡPsP·P»P°PrPē. PkP°PrC...PsPrPēP»P°
C-PSC,,PsCḡPjP°C†C-Cf PiCḡPs PIPēPSPēPePSPµPSPSCf CḡP°P±PrPsPjC-PsP»C-P·Cf,
PiPµCḡPµPIP°P¶PSPs P· CfCfPiCfC,PSCHbPsCHb C,CfP¶PePsCH PiC-PiPsPeP°P»C-C"PjC-C"CH.
PŸP»C-Pr P·P°PiPsP±C-PiP°C,Pē P·PSPēP¶PµPSPSCf CḡC-PIPSCf PeP°P»C-CH
(< 3,4 PjPjPsP»CHb/P») Cf PiPµPIPSPēC... PeP°C,PµPiPsCḡC-PNē PiP°C†C-C"PSC,C-PI
PIPēCfPsPePsPiPs CḡPēP·PēPeCf, C,P°PePēC... CfPe PiP°C†C-C"PSC,Pē P»C-C,PSCHbPsPiPs
PIC-PeCf C,P°/P°P±Ps C,C-, C...C,Ps PSPµPrPsCfC,P°C,PSCHbPs C...P°CḡC±CfC"C,CHCfCfCf,
PSPµP·P°P»PµP¶PSPs PIC-Pr P·P°CfC,PsCfCfPIP°PSPSCf C-PSCēPēC...
P»C-PeP°CḡCfCHbPePēC... P·P°CfPsP±C-PI, PiP°C†C-C"PSC,Pē P· C†PēCḡPsP·PsPj
PiPµC±C-PSPePē, C%Ps CfCfPiCḡPsPIPsPrP¶CfC"C,CHCfCfCf PSP°P±CḡCfPeP°PjPē C,P°
P°CfC†PēC,PsPj, PiP°C†C-C"PSC,Pē P· C-CēPµPjC-C±PSPsCH C...PIPsCḡPsP±PsCH CfPµCḡC†CfCf
C,P° CfPµCḡC†PµPIPsCH PSPµPrPsCfC,P°C,PSC-CfC,CH. Pj C,P°PePēC... PIPēPiP°PrPeP°C...
PiC-PiPsPeP°P»C-C"PjC-Cf PiC-PrPIPēC%CrC" PeP°CḡPrC-PsC,PsPeCfPēC±PSC-CfC,CH
CfPµCḡC†PµPIPēC... PiP»C-PePsP·PēPrC-PI C- CḡPēP·PēPe PIPēPSPēPePSPµPSPSCf
PiPsCḡCfCēPµPSCb CfPµCḡC†PµPIPsPiPs CḡPēC,PjCf. PµP°C†C-C"PSC,Pē, CfPeC-
PjP°CḡC,CH PiPsPrPsPIPsPµPSPēPNē QT-C-PSC,PµCḡPIP°P» PICḡPsPrP¶PµPSPsPiPs P°P±Ps
CfC,CḡPsPiPµPSPSPsPiPs T'PµPSPµP·Cf, C,P°PePsP¶ PSP°P»PµP¶P°C,CH PrPs PiCḡCfPiPē
CḡPēP·PēPeCf. P"C-PiPsPeP°P»C-C"PjC-Cf, CfPe C- P±CḡP°PrPēPeP°CḡPrC-Cf, C"
CfPiCḡPēCfCfC,P»PēPIPēPj C,,P°PeC,PsCḡPsPj PIPēPSPēPePSPµPSPSCf PiPsCḡCfCēPµPSCb
CfPµCḡC†PµPIPsPiPs CḡPēC,PjCf C,CfP¶PePsPiPs CfC,CfPiPµPSCf, PsCfPsP±P»PēPIPs
PiP°CḡPsPeCfPēP·PjP°P»CHbPSPsC— CēP»CfPSPsC±PePsPIPsC— C,P°C...C-PeP°CḡPrC-C—
C,PēPiCf B«PiC-CḡCfPµC,B», CfPeP° PjPsP¶Pµ P±CfC,Pē P»PµC,P°P»CHbPSPsCH.
PkPµPsP±C...C-PrPSPēPNē P±C-P»CHCē C±P°CfC,PēPNē PePsPSC,CḡPsP»CH CḡC-PIPSCf
PeP°P»C-CH PI PeCḡPsPIC-. PµPµCḡCēPµ PIPēP·PSP°C±PµPSPSCf CḡC-PIPSCf PeP°P»C-CH Cf
PiP»P°P·PjC- PeCḡPsPIC- CfP»C-Pr PiCḡPsPIPµCfC,Pē PSP° PiPµCḡCēPsPjCf C,PēP¶PSC-
P»C-PeCfPIP°PSPSCf. PµCḡPē P·PSPēP¶PµPSPsPjCf CḡC-PIPSC- PeP°P»C-CH PI PeCḡPsPIC-
PSPµPsP±C...C-PrPSPs PNēPsPiPs PIC-PrPePsCḡPēPiCfPIP°C,Pē.

P'PēCfPIPsPµPSPSCf PiC-PiPsPeP°P»C-C"PjC-C— PIPēPjP°PiP°C" C—C— PePsCḡPµPeC†C-C—.
P"C-PiPsPeP°P»C-C"PjC-Cf, C%Ps PIPēPSPēPeP°P» C±PµCḡPµP· PSPēP·CHbPeCf
PePsPSC†PµPSC,CḡP°C†C-CH PjP°PiPSC-CH PI CfPēCḡPsPIP°C,C†C- PeCḡPsPIC-, PjPsP¶Pµ
P±CfC,Pē CḡPµC,,CḡP°PeC,PµCḡPSPsCH PrPs P»C-PeCfPIP°PSPSCf, CfPeC%Ps PSPµ
PiCḡPsPIPsPrPēC,CHCfCfCf PePsCḡPµPeC†C-Cf CḡC-PIPSCf PjP°PiPSC-CH.

P C-PIPµPSCb PeP°P»CHC†C-CH. PŸC-P°P·PēPrPSC- C,P° C,C-P°P·PēPrPsPiPsPrC-P±PSC-
PrC-CfCḡPµC,PēPePē PjPsP¶CfC,CH P·PjPµPSCēCfPIP°C,Pē PµPeCfPeCḡPµC†C-CH
PeP°P»CHC†C-CH P· CfPµC±PµCH C- PiCḡPēP·PIPsPrPēC,Pē PrPs PSPµP·PSP°C±PSPsPiPs
C,PēPjC±P°CfPsPIPsPiPs PiC-PrPIPēC%PµPSPSCf CḡC-PIPSCf PeP°P»CHC†C-CH PI
PeCḡPsPIC-. P—PSP°C±PSPµ PiC-PrPIPēC%PµPSPSCf CḡC-PIPSCf PeP°P»CHC†C-CH PI
PeCḡPsPIC- PjPsP¶Pµ P±CfC,Pē PiPsPiḡ™ CfP·P°PSPµ P· PSPµPrC-P°PiPSPsCfC,PsPIP°PSPēPj

PiC-PiPμCḡPiP°CḡP°C,PëCḡPμPsC—PrPëP·PjPsPj. PJ C,P°PePëC... PIPëPiP°PrPeP°C...
P»C-PeCfPIP°PSPSCḡ CḡP»C-Pr PiCḡPëPiPëPSPëC,Pë C,P° PiCḡPsPIPμCḡC,Pë
PjPsPSC-C,PSCḡPëPSPi C,,CfPSPeC†C-C— PiP°CḡP°C%PëC,PsPIPëPrPSPëC... P·P°P»PsP·.

PḡP°PiPSC-PNë Cḡ PiP»P°P·PjC- PeCḡPsPIC-. P'CrP»Ps PiPsPeP°P·P°PSPs, C%Ps C,C-P°P·PëPrPë
C,P° PiPsPiBḡ™ CḡP·P°PSC- P· PSPëPjPë PrC-CḡCḡPμC,PëPePë, PIPeP»CḡC†P°CḡC†Pë
C-PSPrP°PiP°PjC-Pr, P·P±C-P»CHC€CḡCḡC,CH PμPeCḡPeCḡPμC†C-Cḡ PjP°PiPSC-Cḡ P·
CḡPμC†PμCḡ, C%Ps PjPsPḡPμ CḡPiCḡPëC†PëPSPëC,Pë PiC-PiPsPjP°PiPSC-C"ḡPjC-Cḡ (PrPëPi.
CḡPsP·PrC-P»Pë B«P'P·P°C"ḡPjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCḡCḡPePëPjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C"ḡPjPsPrC-PNëB» C,P° B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

P C-PIPμPSCḡ PiP»CḡPePsP·Pë PI PeCḡPsPIC-. PḡPsPSC,CḡPsP»CH CḡC-PIPSCḡ
PiP»CḡPePsP·Pë PI PeCḡPsPIC- C" PrCḡPḡPμ PIP°PḡP»PëPIPëPj PrP»Cḡ PiP°C†C-C"ḡPSC,C-PI P·
C†CḡPeCḡPsPIPëPj PrC-P°P±PμC,PsPj, PsCḡPsP±P»PëPIPs PiCḡPë P·PSPëPḡPμPSPsPjCḡ
CḡC-PIPSC- PeP°P»C-Cḡ.

PḡPμC†PsPIP° PePëCḡP»PsC,P°. PJ PiP°C†C-C"ḡPSC,C-PI C-P· PiC-PrPIPëC%PμPSPëPj
CḡC-PIPSPμPj CḡPμC†PsPIPSc— PePëCḡP»PsC,Pë PI PeCḡPsPIC- PjPsPḡP»PëPIPμ
P·P±C-P»CHC€PμPSPSCḡ PeC-P»CHPePsCḡC,C- PSP°PiP°PrC-PI PiPsPrP°PiCḡPë.

PḡCḡPSPeC†C-Cḡ PSPëCḡPsPe C- PrC-CḡCḡPμC,PëPePë. PḡC-P°P·PëPrPSC- C,P°
C,C-P°P·PëPrPsPiPsPrC-P±PSC- PrC-CḡCḡPμC,PëPePë PSP°PNëP±C-P»CHC€
PμC,,PμPeC,PëPIPSC-, PePsP»Pë C,,CḡPSPeC†C-Cḡ PSPëCḡPsPe Cḡ PSPsCḡPjC- P°P±Ps
PiPsCḡCḡC€PμPSPSCḡ C" PSPμP·PSP°C†PSPëPjPë (CḡC-PIPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ PI
PeCḡPsPIC- < 25 PjPi/P», C,PsP±C,Ps 220 PjPePjPsP»CH/P» Cḡ PrPsCḡPsCḡP»PëC...). PJ
PiP°C†C-C"ḡPSC,C-PI P»C-C,PSCḡPsPiPs PIC-PeCḡ CḡC-PIPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ
PiP»P°P·PjPë PeCḡPsPIC- CḡP»C-Pr PIPëP·PSP°C†P°C,Pë P·P° C,,PsCḡPjCḡP»PsCḡ
PḡPsPeCḡPsC,,C,P° P· CḡCḡP°C...CḡPIP°PSPSCḡPj PIC-PeCḡ, PjP°CḡPë C,C-P»P° C,P° CḡC,P°C,C-:
PeP»C-CḡPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ (cl_{cr}) = (140 Bḡ" PIC-Pe) × PjP°CḡP° C,C-P»P°/0,814 ×
CḡC-PIPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ Cḡ PiP»P°P·PjC- PeCḡPsPIC-, PrPμ PIC-Pe
PIPëCḡP°PḡPμPSPëPNë Cḡ CḡPsPeP°C..., PjP°CḡP° C,C-P»P° Bḡ" Cḡ PeC-P»PsPiCḡP°PjP°C...,
CḡC-PIPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ Cḡ PiP»P°P·PjC- PeCḡPsPIC- Bḡ" Cḡ
PjC-PeCḡPsPjPsP»CḡC.../P»C-C,Cḡ. PḡCḡ C,,PsCḡPjCḡP»P° PiCḡPëPNëPSCḡC,PSP° PrP»Cḡ
PIPëP·PSP°C†PμPSPSCḡ CḡC-PIPSCḡ PeCḡPμP°C,PëPSC-PSCḡ PiP»P°P·PjPë PeCḡPsPIC- Cḡ
C†PsP»PsPIC-PeC-PI P»C-C,PSCḡPsPiPs PIC-PeCḡ, P°P»Pμ PrP»Cḡ PḡC-PSPsPe C—C— CḡP»C-Pr
P°PrP°PiC,CḡPIP°C,Pë C€P»CḡC...PsPj PjPSPsPḡPμPSPSCḡ CḡPμP·CḡP»CHC,P°C,Cḡ PSP° 0,85.
P"C-PiPsPiPsP»PμPjC-Cḡ, CḡPiCḡPëC†PëPSPμPSP° PIC,CḡP°C,PsCḡ PIPsPrPë C,P°
PSP°C,CḡC-Cḡ PIPSP°CḡP»C-PrPsPe PiCḡPëPNëPsPjCḡ PrC-CḡCḡPμC,PëPeC-PI PSP°
PiPsC†P°C,PeCḡ P»C-PeCḡPIP°PSPSCḡ, P·PSPëPḡCḡ" PiP»PsPjPμCḡCḡP»CḡCḡPSCḡ
C,,C-P»CHC,CḡP°C†C-Cḡ, C%Ps PjPsPḡPμ PiCḡPëP·PIPμCḡC,Pë PrPs PiC-PrPIPëC%PμPSPSCḡ
CḡC-PIPSCḡ CḡPμC†PsPIPëPSPë C,P° PeCḡPμP°C,PëPSC-PSCḡ PI PeCḡPsPIC-. PḡCḡ
C,CḡP°PSP·PëC,PsCḡPSP° C,,CḡPSPeC†C-PsPSP°P»CHPSP° PSPëCḡPePsPIP°
PSPμPrPsCḡC,P°C,PSC-CḡC,CH PSPμ PjP°C" PiPsP±C-C†PSPëC... PSP°CḡP»C-PrPeC-PI Cḡ
PiP°C†C-C"ḡPSC,C-PI C-P· PSPsCḡPjP°P»CHPSPsCḡ C,,CḡPSPeC†C-C"ḡ PSPëCḡPsPe, P°P»Pμ
PjPsPḡPμ PiPsPiC-CḡC€PëC,Pë PSP°CḡPIPSCḡ PSPëCḡPePsPICḡ PSPμPrPsCḡC,P°C,PSC-CḡC,CH.

PḡPsCḡC-PsC—PrP°P»CHPSPëPNë PIPëPiC-C,, PiPsCḡC,CḡP° PjC-PsPiC-Cḡ
(PePsCḡPsC,PePsP·PsCḡC-CḡC,CH) C,P° PIC,PsCḡPëPSPSP° P·P°PeCḡPëC,PsPeCḡC,PsPIP°
PiP»P°CḡPePsPjP°. PμCḡPμPiP°CḡP°C,Pë, C%Ps PjC-CḡC,CḡC,CH CḡCḡP»CHC,,PsPSP°PjC-Pr
P°P±Ps PiPsC...C-PrPSC- CḡCḡP»CHC,,PsPSP°PjC-PrCḡ, PjPsPḡCḡC,CH PIPëPeP»PëPeP°C,Pë
C-PrC-PsCḡPëPSPeCḡP°C,PëC†PSCḡ CḡPμP°PeC†C-Cḡ, C%Ps CḡPiCḡPëC†PëPSCḡC"
C...PsCḡC-PsC—PrP°P»CHPSPëPNë PIPëPiC-C, P· PrPμC,,PμPeC,PsPj P·PsCḡPsPiPsPiPs PiPsP»Cḡ,

C, C₇H₅P^oPSP·PëC, PsC₇H₅PSPsC₇H₅ PjC-PsP_iC-C''C₇H₅ C, P^o PiPsC₇H₅, C₇H₅Cr P·P^oPeC₇H₅PëC, PsPeC₇H₅, PsPIC₇H₅ PiP»P^oCrPePsPjCr. P₇Y₇PëPjPiC, PsPjPë PIPeP»C₇H₅C₇H₅ C₇H₅ PiPsC₇H₅, C₇H₅PëP₇ PiPsC₇H₅P^oC, PsPe P·PSPëP₇P₇PSPSC₇H₅ PiPsC₇H₅, C₇H₅Pë P·PsC₇H₅Cr P^oP±Ps P±C-P»C₇H₅ PI PsC₇H₅-C-, C₇H₅Pe PiC₇H₅P^oPIPëP»Ps, PIPëPSPëPeP^oC₇H₅, C₇H₅ PiC₇H₅PsC, C₇H₅PiPsPj PrP₇PeC-P»C₇H₅PePsC... PiPsPrPëPS P^oP±Ps C, PëP₇P₇PSC-PI P· PiPsC₇H₅P^oC, PeCr P·P^oC₇H₅, PsC₇H₅CrPIP^oPSPSC₇H₅ PiC₇H₅P₇PiP^oC₇H₅P^oC, Cr. P₇K₇P₇P»C-PePsPIP^oPSP^o PiPsC₇H₅, C₇H₅P^o P·P^oPeC₇H₅PëC, PsPeC₇H₅, PsPIP^o PiP»P^oCrPePsPjP^o PjPsP₇P₇ PiC₇H₅PëP·PIP₇C₇H₅, Pë PrPs PiPsC₇H₅, C-PN₇PSPsC— PIC, C₇H₅P^oC, Pë P·PsC₇H₅Cr. PhC₇H₅PSPsPIPSP₇ P»C-PeCrPIP^oPSPSC₇H₅ б₇“ C₇H₅ C₇H₅PePSP^oPN₇C€PIPëPrC€P₇ PiC₇H₅PëPiPëPSPëC, Pë P·P^oC₇H₅, PsC₇H₅CrPIP^oPSPSC₇H₅ P»C-PeP^oC₇H₅C₇H₅PePsPiPs P·P^oC₇H₅P±Cr. P₇PeC₇H₅Ps PIPSC₇H₅, C₇H₅-C€PSC₇H₅PsPsC₇H₅PSPëPN₇ C, PëC₇H₅Pe P·P^oP»PëC€P^oC''C, C₇H₅C₇H₅ C₇H₅ P₇PsP₇PsPSC, C₇H₅PsP»C₇H₅PsPIP^oPSPëPj, PjPsP₇P₇P»PëPIPs, P₇PsP₇PsP±C...C-PrPSPs P·P^oC₇H₅, PsC₇H₅PsPIC₇H₅PIP^oC, Pë PsPiP₇C₇H₅P^oC, PëPIPSC- PjP₇PrPëPeP^oPjP₇PsC, PsP·PSC- P^oP±Ps C...C-C₇H₅CrC₇H₅PiC-C₇H₅PSC- PjP₇C, PsPrPë P»C-PeCrPIP^oPSPSC₇H₅. P₇αP^oPeC, PsC₇H₅P^oPjPë C₇H₅PëP·PëPeCr C₇H₅PsP·PIPëC, PeCr PiPsC₇H₅, C₇H₅Ps— P·P^oPeC₇H₅PëC, PsPeC₇H₅, PsPIPSC— PiP»P^oCrPePsPjPë PjPsP₇P₇ P±CrC, Pë P^oP»P₇C₇H₅PiC-C₇H₅ PSP^o C₇H₅CrP»C₇H₅C,, PsPSP^oPjC-Pr P^oP±Ps PiP₇PsC-C₇H₅PëP»C-PS PI P^oPSP^oPjPSP₇P·C-.

P₇Y₇PiPsC₇H₅, C₇H₅PjP₇PSPë. P₇Y₇PiPsC₇H₅, C₇H₅PjP₇PSPë PjP^oC₇H₅, C₇H₅ PiP^oPjб₇™ C₇H₅, P^oC, Pë, C₇H₅Ps C₇H₅PN₇ PiC₇H₅P₇PiP^oC₇H₅P^oC, PjC-C₇H₅, PëC, C₇H₅ PrC-C₇H₅C₇H₅Cr C₇H₅P₇C₇H₅PsPIPëPSC₇H₅, C₇H₅Ps PjPsP₇P₇ C₇H₅PiC₇H₅PëC₇H₅PSPëC, Pë PiPsP·PëC, PëPIPSC₇H₅ C₇H₅P₇P^oPeC₇H₅-C₇H₅ PiC₇H₅Pë PiC₇H₅PsPIP₇PrP₇PSPSC- PrPsPiC-PSPi-PePsPSC, C₇H₅PsP»C₇H₅.

P—P^oC₇H₅, PsC₇H₅CrPIP^oPSPSC₇H₅ C₇ PiP₇C₇H₅-PsPr PIP^oPiC-C, PSPsC₇H₅, C- P^oP±Ps PiPsPrC₇CrPIP^oPSPSC₇H₅ PiC₇H₅CrPrPrC₇H₅.

P^oPeC₇H₅, PSC-C₇H₅, C₇H₅. P₇αC₇H₅P₇PiP^oC₇H₅P^oC, PiC₇H₅PsC, PëPiPsPeP^oP·P^oPSPs P·P^oC₇H₅, PsC₇H₅PsPIC₇H₅PIP^oC, Pë PIP^oPiC-C, PSPëPj P^oP±Ps P₇IC-PSPeP^oPj, C₇H₅PeC- PiP»P^oPSC₇H₅C₇H₅, C₇H₅ P·P^oPIP^oPiC-C, PSC-C, Pë.

P—P^oC₇H₅, P₇C₇H₅P₇P₇PSPSC₇H₅. PiPsPiб₇™ C₇H₅ P^oPSC- P· PiP₇C₇H₅PëPSPPrPsPiC₇H₅PëP»PsPj. P₇αP₇C₇H₅P₇PePsPSP»PëPIPëC... P₇αPiC-PrP₇PjC-PsP»PsPiC-C₇H₅PSPëC... PrPsPeP^oP·C-PI C, P₇C₇H₅P^oC, PsPiP₇PSPSPsPiPs C₇H₅PëP·PëPeCr PiC₇H₅Pë P·P^oC₇H₅, PsC₇H₅CrPIP^oPSPSC- C-PSPiC-P±C-C, PsC₇H₅-PI P₇αP₇α PiC₇H₅PsC, C₇H₅PiPsPj P₇ C, C₇H₅PëPjP₇C₇H₅, C₇H₅Cr PIP^oPiC-C, PSPsC₇H₅, C- PSP₇PjP^oC''; PsPrPSP^oPe PSP₇ PjPsP₇P₇PSP^o PIPëPeP»C₇H₅C₇H₅, Pë PSP₇PIP₇P»PëPeP₇ PiC-PrPIPëC₇H₅PsPSPSC₇H₅ C₇H₅PsPiPs C₇H₅PëP·PëPeCr. P₇PeC₇H₅Ps PiC₇H₅PsPrPsPIP₇P₇PSPSC₇H₅ P»C-PeCrPIP^oPSPSC₇H₅ C-PSPiC-P±C-C, PsC₇H₅P₇Pë P₇αP₇α PIP^oP₇P₇P^oC, C₇H₅C₇H₅ C₇H₅PsPiPsPIPëPj, PiP^oC₇H₅-C''PSC, PsPe, C₇H₅PeC- PiP»P^oPSC₇H₅C₇H₅, C₇H₅ PIP^oPiC-C, PSC-C₇H₅, C₇H₅ PSP₇PsP±C...C-PrPSPs PiP₇C₇H₅P₇PIP₇C₇H₅, Pë PSP^o P^oP»C₇H₅, P₇C₇H₅PSP^oC, PëPIPSC- P^oPSC, PëPiC-PiP₇C₇H₅, P₇αPSP·PëPIPSC- PiC₇H₅P₇PiP^oC₇H₅P^oC, Pë, C₇H₅Ps PjP^oC₇H₅, C₇H₅ PiC-PrC, PIP₇C₇H₅PrP₇P₇PsC- PrP^oPSC- PiC₇H₅Ps P±P₇P·PiP₇PeCr PiC₇H₅Pë P·P^oC₇H₅, PsC₇H₅CrPIP^oPSPSC- Cr PiP₇C₇H₅-PsPr PIP^oPiC-C, PSPsC₇H₅, C-. P₇PeC₇H₅Ps Cr PiP₇C₇H₅-PsPr P»C-PeCrPIP^oPSPSC₇H₅ PiC-PrC, PIP₇C₇H₅PrP₇P₇C''C, C₇H₅C₇H₅ C₇H₅ PIP^oPiC-C, PSC-C₇H₅, C₇H₅ P»C-PeCrPIP^oPSPSC₇H₅ C-PSPiC-P±C-C, PsC₇H₅P₇Pë P₇αP₇α C₇H₅P»C-Pr PSP₇PiP^oPN₇PSPs PiC₇H₅PëPiPëPSPëC, Pë C- Cr C₇H₅P^oC- PSP₇PsP±C...C-PrPSPsC₇H₅, C- P·P^oPjC-PSPëC, Pë C-PSC€PëPj P»C-PeP^oC₇H₅C₇H₅PePëPj P·P^oC₇H₅PsP±PsPj, PrPsP·PIPsP»P₇PsPëPj PrP»C₇H₅ P·P^oC₇H₅, PsC₇H₅CrPIP^oPSPSC₇H₅ PIP^oPiC-C, PSPëPj. P^oC-PrPsPjPs, C₇H₅Ps PiC₇H₅PëPN₇PsPj C-PSPiC-P±C-C, PsC₇H₅-PI P₇αP₇α PiC₇H₅PsC, C₇H₅PiPsPj P₇P₇ C, P^o P₇P₇P₇ C, C₇H₅PëPjP₇C₇H₅, C₇H₅-PI PIP^oPiC-C, PSPsC₇H₅, C- C₇H₅PSPëC, C₇H₅ C, PsPeC₇H₅C₇H₅PSPëPN₇ PIP₇P»PëPI PSP^o PiP»C-Pr (P·PSPëP₇P₇PSPSC₇H₅ C,, CrPSPeC₇H₅-C— PSPëC₇H₅PsPe, PjP^oP»PsPIPsPrPrC₇H₅, CrPiPsPIC-P»C₇H₅PSP₇PSPSC₇H₅ C,, PsC₇H₅PjCrPIP^oPSPSC₇H₅ PeC-C₇H₅, PePsPIPsC— C, PeP^oPSPëPSPë C₇H₅P₇C₇H₅PiP^o) C, P^o PSP^o PsC₇H₅PiP^oPSC-P·Pj PSPsPIPsPSP^oC₇H₅PsPrP₇P₇PSPsC— PrPëC, PëPSPë

(PSPëCĤPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH, P°CĤC,PµCĤC-P°P»CHbPSP°
PiC-PiPsC,PµPSP·C-CĬ, PiC-PiPµCĤPeP°P»C-C°PjC-CĬ). PĬPeC%Ps P¶ C-PSPiC-P±C-C,PScĤPë
PĥPµPα P·P°CÍC,PScÍPsPICrPIP°P»Pë Cr P†P† C,P° P†P†P† C,CĤPëPjPµCÍC,CĤP°C...
PIP°PiC-C,PSPScÍC,C-, CĤPµPePsPjPµPSPrPsPIP°PSPs CrP»CHbC,CĤP°P·PICrPePsPIPµ
PsP±CÍC,PµP¶PµPSPSCĬ C,,CrPSPeC†C-PNë PSPëCĤPsPe C,P° P±CrPrPsPIPë C†PµCĤPµPiP°
PSPsPIPsPSP°CĤPsPrP¶PµPSPsPiPs. P—P° PSPsPIPsPSP°CĤPsPrP¶PµPSPëPjPë, C†PëC—
PjP°C,PµCĤC- Cr PiPµCĤC-PsPr PIP°PiC-C,PSPScÍC,C- PiCĤPëPNëPjP°P»Pë
C-PSPiC-P±C-C,PScĤPë PĥPµPα, CÍP»C-Pr CÍPiPsCÍC,PµCĤC-PiP°C,Pë PrP»CĬ
CÍPIPsC°C†P°CÍPSPsPiPs PIPëCĬPIP»PµPSPSCĬ C- PePsCĤPµPeC†C-C—
P°CĤC,PµCĤC-P°P»CHbPSPsC— PiC-PiPsC,PµPSP·C-C—.

P—P°CÍC,PµCĤPµP¶PµPSPSCĬ, PiPsPiBĤ™ CĬP·P°PSC- P· C-PSPrP°PiP°PjC-PrPsPj. P°P°PSC-
C%PsPrPs P·P°CÍC,PScÍCrPIP°PSPSCĬ C-PSPrP°PiP°PjC-PrCr PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj
PIC-PrCÍCrC,PSC- P°P±Ps PsP±PjPµP¶PµPSC- (PjPµPSC€Pµ 300 PIPëPiP°PrPeC-PI).
PĥP°CÍP»C-PrPePsPj C,CĤPëPIP°P»PsPiPs P·P°CÍC,PScÍCrPIP°PSPSCĬ C,C-P°P·PëPrPSPsPiPs
PrC-CrCĤPµC,PëPeP° PiC-Pr C†P°CÍ P†P†P† C,CĤPëPjPµCÍC,CĤCr PIP°PiC-C,PSPScÍC,C-
PjPsP¶Pµ P±CrC,Pë P·PSPëP¶PµPSPSCĬ PsP±BĤ™ C°PjCr C†PëCĤPeCrP»CĤCĤC†PsC—
PeCĤPsPIC- PIP°PiC-C,PSPsC— P¶C-PSPePë C,P° PjP°C,PePsPIPs-PiP»P°C†PµPSC,P°CĤPSPsPiPs
PeCĤPsPIPsPSP°PiPsPIPsPµPSPSCĬ, C%Ps PjPsP¶Pµ CÍPiCĤPëC†PëPSPëC,Pë
C,,PµC,PsPiP»P°C†PµPSC,P°CĤPSCr C-C€PµPjC-CĤ C- P·P°C,CĤPëPjPeCr CĤPsP·PIPëC,PeCr
PiP»PsPrP°. P°PScÍP»C-PrP¶PµPSPSCĬ PSP° C,PIP°CĤPëPSP°C... PSPµ PIPëCĬPIPëP»Pë
PiCĤCĬPjPsPiPs P°P±Ps PsPiPsCÍPµCĤPµPrPePsPIP°PSPsPiPs C,PsPeCÍPëC†PSPsPiPs
PIPiP»PëPICr PSP° CĤPµPiCĤPsPrCrPeC,PëIPSC-CÍC,CH. PĬPe P·P°PiPsP±C-P¶PSPëPNë
P·P°C...C-Pr P±P°P¶P°PSPs CrPSPëPeP°C,Pë P·P°CÍC,PScÍCrPIP°PSPSCĬ C-PSPrP°PiP°PjC-PrCr
PiC-Pr C†P°CÍ PIP°PiC-C,PSPScÍC,C-.

P°PsPrCáPIP°PSPSCĬ PiCĤCáPrPrCĤ. P†Pĥ-PĥP»P†PŷP·P PSPµ
CĤPµPePsPjPµPSPrPsPIP°PSPëPNë Cr PiPµCĤC-PsPr PiPsPrCrPIP°PSPSCĬ
PiCĤCrPrPrCĤ. PĥPµPsP±C...C-PrPSPs PiCĤPëPNëPSCĬC,Pë CĤC-C€PµPSPSCĬ
C%PsPrPs PiCĤPëPiPëPSPµPSPSCĬ PiPsPrCrPIP°PSPSCĬ PiCĤCrPrPrCĤ P°P±Ps
PIC-PrPjC-PSPë PiCĤPµPiP°CĤP°C,Cr, PICĤP°C...PsPICrCĤC†Pë PIP°P¶P»PëPIC-CÍC,CH
C,PµCĤP°PiC-C— PrP»CĬ PjP°C,PµCĤC-.

P—P°CÍC,PµCĤPµP¶PµPSPSCĬ, PiPsPiBĤ™ CĬP·P°PSC- P· PiPµCĤPëPSPrPsPiCĤPëP»PsPj.
P—P°CÍC,PScÍCrPIP°PSPSCĬ PiPµCĤPëPSPrPsPiCĤPëP»Cr Cr PiPµCĤC-PsPr
PiPsPrCrPIP°PSPSCĬ PiCĤCrPrPrCĤ PSPµ CĤPµPePsPjPµPSPrPsPIP°PSPµ Cr P·PiBĤ™ CĬP·PeCr
P· PIC-PrCÍCrC,PSC-CÍC,CĤ PrP°PSPëC.... PŷP»C-Pr PSP°PrP°C,Pë PiPµCĤPµPIP°PiCr
P°P»CHbC,PµCĤPSP°C,PëIPSPsPjCr P»C-PeCrPIP°PSPSCĤ P· PrPsPIPµPrPµPSPëPj
PiCĤPsC,,C-P»PµPj P±PµP·PiPµPePë, PsCÍPsP±P»PëPIPs Cr PiPµCĤC-PsPr PiPsPrCrPIP°PSPSCĬ
PiCĤCrPrPrCĤ PSPsPIPsPSP°CĤPsPrP¶PµPSPsPiPs P°P±Ps PSPµPrPsPSPsC€PµPSPsPiPs
PSPµPjPsPIP»CĬC,Pë.

P—P°CÍC,PµCĤPµP¶PµPSPSCĬ, PiPsPiBĤ™ CĬP·P°PSC- P· C-PSPrP°PiP°PjC-PrPsPj. P°P°PSC-
C%PsPrPs PiCĤPsPSPëPePSPµPSPSCĬ C-PSPrP°PiP°PjC-PrCr/PjPµC,P°P±PsP»C-C,C-PI Cr
PiCĤCrPrPSPµ PjPsP»PsPePs PSPµPrPsCÍC,P°C,PSC-. PĥPsP¶CrC,CH CĤPsP·PIPëPSCrC,PëCÍCĬ
PiC-PiPµCĤC†CrC,P»PëPIC-CÍC,CH PrPs PiPsC...C-PrPSPëC... CÍCrP»CHbC,,PsPSP°PjC-PrC-PI
C,P° PiC-PiPsPeP°P»C-C°PjC-CĬ. P PëP·PëPe PrP»CĬ
PSPsPIPsPSP°CĤPsPrP¶PµPSPëC.../PSPµPjPsPIP»CĬC, PIPëPeP»CĤC†P°C,Pë PSPµ PjPsP¶PSP°.
P†PSPrP°PiP°PjC-Pr PSP°P»PµP¶PëC,CH PrPs C,C-P°P·PëPrPsPiPsPrC-P±PSPëC...
PrC-CrCĤPµC,PëPeC-PI, P·P°CÍC,PScÍCrPIP°PSPSCĬ CĬPePëC... PiC-Pr C†P°CÍ
PiPsPrCrPIP°PSPSCĬ PiCĤCrPrPrCĤ PiPsPiBĤ™ CĬP·CrCĤC,CH P·C- P·PjPµPSC€PµPSPSCĬPj

P°P±Ps PSP°PIC-C,CH PiCḡPēPiPSC-C±PμPSPSCḡPj P»P°PeC,P°C†C-C—. P†PSPPrP°PiP°PjC-Pr PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPēPNē Cr PiPμCḡC-PsPr PiPsPrCrPIP°PSPSCḡ PiCḡCrPrPrCḡ.

PαPμCḡC,PēP»CHPSC-CḡC,CH

P—P°CḡC,PμCḡPμP¶PμPSPSCḡ, CḡPiC-P»CHPSC- PrP»Cḡ PiPμCḡPēPSPPrPsPiCḡPēP»Cr C,P° C-PSPrP°PiP°PjC-PrCr. P°PsCḡP»C-PrP¶PμPSPSCḡ CḡPμPiCḡPsPrCrPeC,PēPIPSPsC— C,PsPeCḡPēC±PSPsCḡC,C- PiPsPeP°P·P°P»Pē PIC-PrCḡCrC,PSC-CḡC,CH PIPiP»PēPICr PSP° C,,PμCḡC,PēP»CHPSC-CḡC,CH CḡP°PjC†C-PI C,P° CḡP°PjPsPe C,PIP°CḡPēPS. P°PiP»PēPICr PSP° C,,PμCḡC,PēP»CHPSC-CḡC,CH P»CḡPrPēPSPē PSPμ PsC†C-PeCḡC”C,CHCḡCḡ.

P—PrP°C,PSC-CḡC,CH PIPiP»PēPIP°C,Pē PSP° CēPIPēPrPeC-CḡC,CH CḡPμP°PeC†C-C— PiCḡPē PePμCḡC±PIP°PSPSC- P°PIC,PsC,CḡP°PSCḡPiPsCḡC,PsPj P°P±Ps C-PSCēPēPjPē PjPμC...P°PSC-P·PjP°PjPē.

P”C-CḡC†C- CḡPμC±PsPIPēPSPē PiPμCḡPēPSPPrPsPiCḡPēP» C,P° C-PSPrP°PiP°PjC-Pr PsPeCḡPμPjPs P°P±Ps PePsPjP±C-PSP°C†C-Cḡ Cr PIPēPiP»CḡPrC- P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPs±Cr P†Pḡ-PḡP>P†PḡP·P PSPμ PIPiP»PēPIP°CḡC,CH PSP° P·PrP°C,PSC-CḡC,CH PePμCḡCrPIP°C,Pē P°PIC,PsC,CḡP°PSCḡPiPsCḡC,PsPj P°P±Ps PiCḡP°C†CḡPIP°C,Pē P· C-PSCēPēPjPē PjPμC...P°PSC-P·PjP°PjPē, P°P»Pμ PI PrPμCḡPePēC... PiP°C†C-C”PSC,C-PI PjPsP¶CḡC,CH PIPēPSPēPeP°C,Pē C-PSPrPēPIC-PrCrP°P»CHPSC- CḡPμP°PeC†C-C—, PiPsPiḡḡ™ CḡP·P°PSC- P·C- P·PSPēP¶PμPSPSCḡPj P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PēCḡPeCr, PsCḡPs±P»PēPIPs PSP° PiPsC±P°C,PeCr P»C-PeCḡPIP°PSPSCḡ P°P±Ps PiCḡPē PsPrPSPsC±P°CḡPSPsPjCr P·P°CḡC,PsCḡCrPIP°PSPSC- P· C-PSCēPēPjPē P°PSC,PēPiC-PiPμCḡC,PμPSP·PēPIPSPēPjPē PiCḡPμPiP°CḡP°C,P°PjPē. PiPe PSP°CḡP»C-PrPsPe, P·PrP°C,PSC-CḡC,CH PePμCḡCrPIP°C,Pē P°PIC,PsC,CḡP°PSCḡPiPsCḡC,PsPj P°P±Ps PiCḡP°C†CḡPIP°C,Pē P· C-PSCēPēPjPē PjPμC...P°PSC-P·PjP°PjPē PjPsP¶Pμ PiPsPiC-CḡCēPēC,PēCḡCḡ.

PḡPiPsCḡC-P± P·P°CḡC,PsCḡC±PIP°PSPSCḡ C,P° PrPsP·Pē.

P”P»Cḡ PiPμCḡPsCḡP°P»CHPSPsPiPs P·P°CḡC,PsCḡCrPIP°PSPSCḡ.

P†Pḡ-PḡP>P†PḡP·P 2 PjPi/0,625 PjPi: P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPs±Cr P†Pḡ-PḡP>P†PḡP·P CḡC,P°PSPsPIPēC,CH 1 C,P°P±P»PμC,PeCr PSP° PrPsP±Cr PsPrPSPsCḡP°P·PsPIPs, P±P°P¶P°PSPs PICḡP°PSC†C- PiPμCḡPμPr C—PrPsCḡ. PiPeC%Ps P°CḡC,PμCḡC-P°P»CHPSPēPNē C,PēCḡPe PSPμ PrPsCḡCḡPiP°C” PePsPSC,CḡPsP»Cḡ PiC-CḡP»Cḡ 1 PjC-CḡCḡC†Cḡ P»C-PeCḡPIP°PSPSCḡ, PrPsP·Cr PjPsP¶PSP° PiPsPrPIPsC—C,Pē.

P†Pḡ-PḡP>P†PḡP·P 4 PjPi/1,25 PjPi: P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPs±Cr P†Pḡ-PḡP>P†PḡP·P CḡC,P°PSPsPIPēC,CH 1 C,P°P±P»PμC,PeCr PSP° PrPsP±Cr PsPrPSPsCḡP°P·PsPIPs, P±P°P¶P°PSPs PICḡP°PSC†C- PiPμCḡPμPr C—PrPsCḡ. PḡPsP¶Pμ P±CḡC,Pē CḡPμPePsPjPμPSPPrPsPIP°PSPēPNē C-PSPrPēPIC-PrCrP°P»CHPSPēPNē PiC-PrP±C-Cḡ PrPsP·Pē PsPeCḡPμPjPēC... PePsPjPiPsPSPμPSC,C-PI PiCḡPμPiP°CḡP°C,Cr. Pj CḡP°P·C- PeP»C-PSC-C±PSPsC— PrPsC†C-P»CHPSPsCḡC,C- PjPsP¶P»PēPIPēPNē PiPμCḡPμC...C-Pr PIC-Pr PjPsPSPsC,PμCḡP°PiC-C— PsPrCḡP°P·Cr PrPs P»C-PeCḡPIP°PSPSCḡ PiCḡPμPiP°CḡP°C,PsPj P†Pḡ-PḡP>P†PḡP·P 4 PjPi/1,25 PjPi.

P†Pḡ-PḡP>P†PḡP·P 8 PjPi/2,5 PjPi: P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPs±Cr P†Pḡ-PḡP>P†PḡP·P CḡC,P°PSPsPIPēC,CH 1

C,P°P±P»PμC,PeCf PSP° PrPsP±Cf PsPrPSPsCfP°P·PsPIPs, P±P°P¶P°PSPs PICfP°PSC†C-
PīPμCfPμPr C—PrPsCf.

*PμP°C†C-C"psc,Pē P»C-C,pschbPsPiPs PIC-PeCž (PrPēPI. CfPsP·PrC-P»
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCžPIP°PSPSCfIB»).*

P†Pķ-PķP>P†PŷP·P 2 PjPi/0,625 PjPi: P>C-PeCfPIP°PSPSCf C†P»C-Pr CfPsP·PīPsC†PēPSP°C,Pē P·
CfPμPePsPjPμPSPPrPsPIP°PSPsC— PrPsP·Pē PīCfPμPīP°CfP°C,Cf P†Pķ-PķP>P†PŷP·P 2 PjPi/0,625
PjPi Bf" 1 C,P°P±P»PμC,PeP° PSP° PrPsP±Cf.

P†Pķ-PķP>P†PŷP·P 4 PjPi/1,25 PjPi: PīP°C†C-C"psc,P°Pj P»C-C,pschbPsPiPs PIC-PeCf
P»C-PeCfPIP°PSPSCf C†P»C-Pr PīCfPēP·PSP°C†P°C,Pē, PICfP°C...PsPIC†CfC†Pē
PīPsPeP°P·PSPēPePē P°CfC,PμCfC-P°P»CHbPSPsPiPs C,PēCfPeCf C,P° C„CfPSPeC†C-Cf
PSPēCfPsPe.

P†Pķ-PķP>P†PŷP·P 8 PjPi/2,5 PjPi: PīP°C†C-C"psc,P°Pj P»C-C,pschbPsPiPs PIC-PeCf C†P»C-Pr
PIPēP·PSP°C†PēC,Pē CfC-PIPμpschb PeCfPμP°C,PēPSC-PSC† PīP»P°P·PjPē PeCfPsPIC- P·
CfCfP°C...CfPIP°PSPSCfPj PIC-PeCf, PjP°C†Pē C,C-P»P° C,P° CfC,P°C,C-. P>C-PeCfPIP°PSPSCf
PīP°C†C-C"psc,C-PI P»C-C,pschbPsPiPs PIC-PeCf PjPsP¶PSP° CfPsP·PīPsC†PēPSP°C,Pē Cf
CfP°P·C- PSPsCfPjP°P»CHbPSPsC— C„CfPSPeC†C-C— PSPēCfPsPe C,P° PīC-C†P»Cf
PICfP°C...CfPIP°PSPSCf PIC-PrPīPsPIC-PrC- P°CfC,PμCfC-P°P»CHbPSPsPiPs C,PēCfPeCf PSP°
C,PμCfP°PīC-Cf.

*PμP°C†C-C"psc,Pē P· PīPsCfCžCēPμPSPSCfPj C„CžPSPeC†C-C— PSPēCfPsPe (PrPēPI.
CfPsP·PrC-P» B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCžPIP°PSPSCfIB»).*

P†Pķ-PķP>P†PŷP·P 2 PjPi/0,625 PjPi: Pj CfP°P·C- PSP°CfPIPSPsCfC,C- PīPsCfCfCēPμpschb
C„CfPSPeC†C-C— PSPēCfPsPe C,CfP¶PePsPiPs CfC,CfPīPμPSCf (PeP»C-CfPμPSC†
PeCfPμP°C,PēPSC-PSC† < 30 PjP»/C...PI) P»C-PeCfPIP°PSPSCf PīCfPμPīP°CfP°C,PsPj
PīCfPsC,PēPīPsPeP°P·P°PSPμ. P"»Cf PīP°C†C-C"psc,C-PI C-P· PīPsCfCfCēPμPSPSCfPjPē
C„CfPSPeC†C-C— PSPēCfPsPe PīPsPjC-CfPSPsPiPs CfC,CfPīPμPSCf (PeP»C-CfPμPSC†
PeCfPμP°C,PēPSC-PSC† 30-60 PjP»/C...PI) PjP°PeC†PēPjP°P»CHbPSP° PrPsP±PsPIP° PrPsP·P°
CfC,P°PSPsPIPēC,CHb 1 C,P°P±P»PμC,PeCf PīCfPμPīP°CfP°C,Cf P†Pķ-PķP>P†PŷP·P 2 PjPi/0,625
PjPi. PμP°C†C-C"psc,Pē P· PeP»C-CfPμPSC†PsPj PeCfPμP°C,PēPSC-PSC† ≥ 60 PjP»/C...PI PSPμ
PīPsC,CfPμP±C†CfC,CHb PePsCfPμPeC†C-C— PrPsP·Pē. P—PIPēC†P°PNbPSPμ PjPμPrPēC†PSPμ
C†PīPsCfC,PμCfPμP¶PμPSPSCf PjP°C" PIPeP»CfC†P°C,Pē C†P°CfC,PēPNb
PjPsPSC-C,PsCfPēPSPi CfC-PIPSCf PeCfPμP°C,PēPSC-PSC† C,P° PeP°P»C-Cf C† PīP»P°P·PjC-
PeCfPsPIC-.

P†Pķ-PķP>P†PŷP·P 4 PjPi/1,25 PjPi: Pj CfP°P·C- PSP°CfPIPSPsCfC,C- PīPsCfCfCēPμpschb
C„CfPSPeC†C-C— PSPēCfPsPe C,CfP¶PePsPiPs CfC,CfPīPμPSCf (PeP»C-CfPμPSC†
PeCfPμP°C,PēPSC-PSC† < 30 PjP»/C...PI) P»C-PeCfPIP°PSPSCf PīCfPμPīP°CfP°C,PsPj
PīCfPsC,PēPīPsPeP°P·P°PSPμ. P"»Cf PīP°C†C-C"psc,C-PI C-P· PīPsCfCfCēPμPSPSCfPjPē
C„CfPSPeC†C-C— PSPēCfPsPe PīPsPjC-CfPSPsPiPs CfC,CfPīPμPSCf (PeP»C-CfPμPSC†
PeCfPμP°C,PēPSC-PSC† 30-60 PjP»/C...PI) CfPμPePsPjPμPSPPrC†C"C,CHbC†Cf
CfPsP·PīPsC†PēPSP°C,Pē P»C-PeCfPIP°PSPSCf C-P· P·P°CfC,PsCfC†PIP°PSPSCfPj
P°PrPμPePIP°C,PSPēC... PrPsP· PsPeCfPμPjPēC... PePsPjPīPsPSPμPSC,C-PI PīCfPμPīP°CfP°C,C†.
PμP°C†C-C"psc,Pē P· PeP»C-CfPμPSC†PsPj PeCfPμP°C,PēPSC-PSC† ≥ 60 PjP»/C...PI PSPμ
PīPsC,CfPμP±C†CfC,CHb PePsCfPμPeC†C-C— PrPsP·Pē. P—PIPēC†P°PNbPSPμ PjPμPrPēC†PSPμ
C†PīPsCfC,PμCfPμP¶PμPSPSCf PjP°C" PIPeP»CfC†P°C,Pē C†P°CfC,PēPNb
PjPsPSC-C,PsCfPēPSPi CfC-PIPSCf PeCfPμP°C,PēPSC-PSC† C,P° PeP°P»C-Cf C† PīP»P°P·PjC-
PeCfPsPIC-.

C-P·PsC,PsPSC-C#PSPsPiPs C₇H₅PsP·C#PëPSCr PSP°C,C₇H₅C-C₇ C...P»PsC₇H₅PëPrC₇ P°P±Ps
P·P°C₇FC,PsC₇FCrPIP°C,Pë P±C₇PrCH₅-C₇IPePëP_N C-PSCëPëP_N C₇FCrPsC₇FC-P±
PIC-PrPSPsPIP»P_μPSPSC₇ PsP±B₇™ C”PjC₇ PeC₇PsPIC-. P_μP_μC₇H₅PëPSPPrPsP₇C₇H₅PëP»P°C,,
P°PeC,PëPIPS° C,,PsC₇H₅PjP° P₇P_μC₇H₅PëPSPPrPsP₇C₇H₅PëP»C₇, PjPsP₇P_μ P±C₇C,Pë
PIPëPrP°P»P_μPSPëP_N P· PsC₇H₅PiP°PSC-P·PjC₇ P·P° PrPsP₇PsPjPsPiPsC₇ PiP_μPjPsPrC-P°P»C-P·C₇
(PrPëPI. C₇H₅PsP·PrC-P» B«P°P°C₇H₅PjP°PePsPeC-PSP_μC,PëPeP°B»).

PμPsP±C-C#PSC- C₇H₅PμP°PeC₇C-C—.

P—P°C₇FC,PsC₇FCrPIP°PSPSC₇ P₇P_μC₇H₅PëPSPPrPsP₇C₇H₅PëP»C₇ C-PSPiC-P±C₇C” C₇H₅P_μPSC-PS-
P°PSPiC-PsC,P_μPSP·PëPS-P°P»CH₅PrPsC₇FC,P_μC₇H₅PsPSPsPIC₇ C₇FCrC₇FC,P_μPjC₇ C,P°
C₇FCrC₇H₅PëC₇FC” P·PjP_μPSCëP_μPSPSC₇ PIC,C₇H₅P°C,Pë PeP°P»C-C₇ C₇FCr P₇P»P°P·PjC- PeC₇PsPIC-,
P·C₇PjPsPIP»P_μPSPsC— C-PSPPrP°PiP°PjC-PrPsPj. Pj 2-6 % P₇P°C₇FC-C”PSC,C-PI, C₇IPeC-
P»C-PeC₇FC,C₇H₅C₇FC P₇C₇H₅P_μPiP°C₇H₅P°C,PsPj P₇P_μC₇H₅PëPSPPrPsP₇C₇H₅PëP»/C-PSPPrP°PiP°PjC-Pr,
PIPëPSPëPeP°C” PiC-P₇PsPeP°P»C-C”PjC-C₇ (C₇H₅C-PIP_μPSC₇ PeP°P»C-C₇
< 3,4 PjPjPsP»CH₅/P»). P₇K°P_NC#P°C₇FC,C-CëP_μ P₇PsPIC-PrPsPjP»C₇IP»PsC₇FC P₇C₇H₅Ps
PIPëPSPëPePSP_μPSPSC₇ C,P°PePëC... P₇PsP±C-C#PSPëC... C₇H₅PμP°PeC₇C-P_N: P₇C₇H₅Pë
P·P°C₇FC,PsC₇FCrPIP°PSPSC- P₇P_μC₇H₅PëPSPPrPsP₇C₇H₅PëP»C₇ B₇” P·P°PiP°PjPsC₇H₅PsC#P_μPSPSC₇,
PiPsP»PsPIPSPëP_N P±C-P»CH₅, P₇P°C₇H₅PμC₇FC,PμP·C-C₇FC, PrPëC₇FCrP_μPIP·C-C₇FC,
P₇PsC₇FCrCëP_μPSPSC₇ P·PsC₇FCr, PIP_μC₇FC,PëPiPs, PrP·PIC-PS C₇FCrC...P°C...,
P°C₇FC,PμC₇FC-P°P»CH₅PSP° PiC-P₇PsC,PμPSP·C-C₇FC, PeP°CëPμP»CH₅, P·P°PrPëCëPeP°,
P±C-P»CH₅ PI P°P±PrPsPjC-PSP°P»CH₅PSC-P_N PrC-P»C₇IPSC₇C-, P·P°P₇PsC₇H₅,
PrPëC₇FCrP_μPiC₇FC-C₇FC, PrC-P°C₇H₅PμC₇FC, PSC₇PrPsC,P°, P±P»C₇HIP°PSPSC₇, C₇FCrP_μC₇H₅P±C-P₇,
PIPëC₇FCrP₇P°PSPSC₇, C₇FCrP°P·PjPë PjB₇™ C₇IP·C-PI C,P° P°C₇FC,PμPSC-C₇FC; P₇C₇H₅Pë
P·P°C₇FC,PsC₇FCrPIP°PSPSC- C-PSPPrP°PiP°PjC-PrC₇ B₇” PiC-P₇PsPeP°P»C-C”PjC-C₇FC,
C₇H₅PμP°PeC₇C-C— PiC-P₇P_μC₇H₅C#C₇FC,P»PëPIPsC₇FC,C-, P₇P_μC₇H₅PμPIP°P₇PSPs
PrPμC₇H₅PjP°C,PsP»PsPiC-C#PSC-, C₇FCrC₇FC-P± P·C- C₇FC...PëP»CH₅PSC-C₇FC,C₇FCr PrPs
P°P»PμC₇H₅PiC-C#PSPëC... C,P° P°C₇FC,PjP°C,PëC#PSPëC... C₇H₅PμP°PeC₇C-P_N C,P°
PjP°PeC₇FC»PsP₇PiC₇FC»CH₅PsP·PSPëC... PIPëC₇FCrP₇P°PSC₇FC.

PμC-Pr C#P°C₇FC P₇C₇H₅PsPIPμPrPμPSPSC₇ PeP»C-PSC-C#PSPëC... PrPsC₇FC»C-PrP₇PμPSC₇FC
C,P°/P°P±Ps PiC-C₇FC»C₇FCrPμC”C₇FC,C₇H₅P°C₇C-P_NPSPsPiPs P·P°C₇FC,PsC₇FCrPIP°PSPSC₇
P₇C₇H₅PμPiP°C₇H₅P°C,C₇FCrC₇FCrP_μC₇FC,PμC₇FC-PiP°P»PëC₇FC P·P°P·PSP°C#PμPSC- PSPëP₇C#Pμ
P₇PsP±C-C#PSC- C₇H₅PμP°PeC₇C-C—, C₇IPeC- P·P° C#P°C₇FC,PsC,PsC₇FC C₇H₅PsP·P₇PsPrC-P»PμPSC-
C,P°PePëPj C#PëPSPsPj: PrC₇FCrPμ C#P°C₇FC,Ps (≥ 1/10), C#P°C₇FC,Ps (PIC-Pr ≥ 1/100 PrPs < 1/10),
PSPμC#P°C₇FC,Ps (PIC-Pr ≥ 1/1000 PrPs < 1/100), C₇FC-PrPePs (PIC-Pr ≥ 1/10000 PrPs < 1/1000),
PrC₇FCrPμ C₇FC-PrPePs (< 1/10000), C#P°C₇FC,Ps,P° PSPμPIC-PrPsPjP° (PSPμ PjPsP₇PSP°
PIPëP·PSP°C#PëC,Pë P·P° PSP°C₇FCrPIPSPëPjPë PrP°PSPëPjPë).

P₇PSC,,PμPeC₇C-C— C,P° C-PSPiP°P·C-C—: C₇H₅PëPSC-C, (PrC₇FCrPμ
C₇FC-PrPePs B₇” P₇PμC₇H₅PëPSPPrPsP₇C₇H₅PëP»).

P— P±PsPeC₇FC PμPSPPrPsPeC₇H₅PëPSPSPsC— C₇FCrC₇FC,PμPjPë: C₇FCrPëPSPPrC₇H₅PsPj
PSPμP°PrPμPePIP°C,PSPsC— C₇FCrPμPeC₇H₅PμC₇C-C— P°PSC,PëPrC-C₇C₇H₅PμC,PëC#PSPëC...
PiPsC₇H₅PjPsPSC-PI (P₇Y₇K₇P₇Y₇P₇”P”) (C₇H₅C-PrPePs B₇” P₇PμC₇H₅PëPSPPrPsP₇C₇H₅PëP»).

P— P±PsPeC₇FC C₇FCrC₇FC,PμPjPë PeC₇PsPIC- C,P° P»C-PjC,,P°C,PëC#PSPsC—
C₇FCrC₇FC,PμPjPë: PμPsP·PëPSPsC,,C-P»C-C₇FC (PSPμC#P°C₇FC,Ps* B₇” P₇PμC₇H₅PëPSPPrPsP₇C₇H₅PëP»);
P°PiC₇H₅P°PSC₇FC»PsC₇FCrPëC,PsP· (PrPëPI. C₇H₅PsP·PrC-P» B«P₇FCrP₇PsP±P»PëPIPsC₇FC,C-
P·P°C₇FC,PsC₇FCrPIP°PSPSC₇FCB») (PrC₇FCrPμ C₇FC-PrPePs B₇” P₇PμC₇H₅PëPSPPrPsP₇C₇H₅PëP» C,P°
C-PSPPrP°PiP°PjC-Pr); P°PiP»P°C₇FC,PëC#PSP° P°PSPμPjC-C₇FC (PrC₇FCrPμ
C₇FC-PrPePs B₇” C-PSPPrP°PiP°PjC-Pr); PiP°PSC₇FCrPëC,PsPiPμPSC-C₇FC (PrC₇FCrPμ

$C\bar{H}C-PrPePs$ в $\bar{H}$ " $PiP\mu C\bar{H}P\bar{e}PSPrPsP\bar{i}C\bar{H}P\bar{e}P$ »); $P\gg P\mu PN\bar{e}PePsPiP\mu PSC-C\bar{U}$ ($PrCrP\bar{P}\bar{P}\mu$
 $C\bar{H}C-PrPePs$ в $\bar{H}$ " $PiP\mu C\bar{H}P\bar{e}PSPrPsP\bar{i}C\bar{H}P\bar{e}P$ » C,P° $C-PSPrP^{\circ}P\bar{i}P^{\circ}PjC-Pr$);
 $PSP\mu PN\bar{e}C,C\bar{H}PsPiP\mu PSC-C\bar{U}$ ($PrP\bar{e}PI.$ $C\bar{H}PsP\cdot PrC-P$ » $B\ll PhC\bar{I}P\bar{s}P\pm P\gg P\bar{e}PIP\bar{s}C\bar{I}C,C-$
 $P\cdot P^{\circ}C\bar{I}C,PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{U}B$ ») ($PrCrP\bar{P}\bar{P}\mu$ $C\bar{H}C-PrPePs$ в $\bar{H}$ " $PiP\mu C\bar{H}P\bar{e}PSPrPsP\bar{i}C\bar{H}P\bar{e}P$ »);
 $PiP\mu PjPsP\gg C-C,P\bar{e}C\ddagger PSP^{\circ}$ $P^{\circ}PSP\mu PjC-C\bar{U}$ ($PrCrP\bar{P}\bar{P}\mu$ $C\bar{H}C-PrPePs$ в $\bar{H}$ " $PiP\mu C\bar{H}P\bar{e}PSPrPsP\bar{i}C\bar{H}P\bar{e}P$ »
 C,P° $C-PSPrP^{\circ}P\bar{i}P^{\circ}PjC-Pr$); $C,C\bar{H}PsPjP\pm PsC\bar{t}P\bar{e}C,PsP\bar{i}P\mu PSC-C\bar{U}$ ($PrP\bar{e}PI.$ $C\bar{H}PsP\cdot PrC-P$ »
 $B\ll PhC\bar{I}P\bar{s}P\pm P\gg P\bar{e}PIP\bar{s}C\bar{I}C,C- P\cdot P^{\circ}C\bar{I}C,PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{U}B$ ») ($PrCrP\bar{P}\bar{P}\mu$
 $C\bar{H}C-PrPePs$ в $\bar{H}$ " $PiP\mu C\bar{H}P\bar{e}PSPrPsP\bar{i}C\bar{H}P\bar{e}P$ » C,P° $C-PSPrP^{\circ}P\bar{i}P^{\circ}PjC-Pr$).

P— P±PsPeCr C—PjCrPSPSPsC— CΓPëCΓC,PμPjPë: PiC—PiPμCΓC±CrC,P»PëPIC—CΓC,CH
(PiPsP»PsPIPSPëPj C±PëPSPsPj PrPμCΓPjP°C,PsP»PsPiC—C±PSC— CΓPμP°PeC†C—C— Cr
PiP°C†C—C”PSC,C—PI, CΓC...PëP»CHPSPëC... PrPs CΓPμPs·PIPëC,PeCr P°P»PμCΓPiC—C±PSPëC...
C,P° P°CΓC,PjP°C,PëC±PSPëC... CΓPμP°PeC†C—PNë) (C±P°CΓC,Ps BΓ” C—PSPPrP°PiP°PjC—Pr).

P— P±PsPeCr PsP±PjC—PSCr CḡPμC±PsPIPëPS C-
PjPμC,P°P±PsP»C—P·PjCr: PiC—PīPsPeP°P»C—C”PjC—Cḡ (PrPëPI.
CḡPsP·PrC—P» B«PhCīPsP±P»PëPIPsCīC,C- P·P°CīC,PSCīCḡPIP°PSPSCḡB»)
(C±P°CīC,Ps Bḡ” C—PSPPrP°PīP°PjC—Pr); PiC—PīPsPiP»C—PePμPjC—Cḡ (PrPëPI. CḡPsP·PrC—P»Pë
B«PhCīPsP±P»PëPIPsCīC,C- P·P°CīC,PSCīCḡPIP°PSPSCḡB» C- B«P’P·P°C”PjPsPrC—Cḡ P·
C—PSCëPëPjPë P»C—PeP°CḡCīCḡPePëPjPë P·P°CīCḡPsP±P°PjPë C,P° C—PSCëC- PIPëPrPë
PIP·P°C”PjPsPrC—PḡB») (PSPμC±P°CīC,Ps* Bḡ” PīPμCḡPëPSPPrPsPīCḡPëP»);
PiC—PīPμCḡPeP°P»C—C”PjC—Cḡ, PsP±PsCḡPsC,PSP° PīCḡPë PIC—PrPjC—PSC- PīCḡPμPīP°CḡP°C,Cḡ
(PrPëPI. CḡPsP·PrC—P» B«PhCīPsP±P»PëPIPsCīC,C- P·P°CīC,PSCīCḡPIP°PSPSCḡB»)
(PSPμC±P°CīC,Ps* Bḡ” PīPμCḡPëPSPPrPsPīCḡPëP»); PiC—PīPsPSP°C,CḡC—C”PjC—Cḡ (PrPëPI.
CḡPsP·PrC—P» B«PhCīPsP±P»PëPIPsCīC,C- P·P°CīC,PSCīCḡPIP°PSPSCḡB»)
(PSPμC±P°CīC,Ps* Bḡ” PīPμCḡPëPSPPrPsPīCḡPëP», PSPμC±P°CīC,Ps Bḡ” C—PSPPrP°PīP°PjC—Pr);
PiC—PīPsC...P»PsCḡPμPjC—Cḡ (CḡC—PrPePs Bḡ” C—PSPPrP°PīP°PjC—Pr);
PiC—PīPsPjP°PiPSC—C”PjC—Cḡ (CḡC—PrPePs Bḡ” C—PSPPrP°PīP°PjC—Pr);
PiC—PīPμCḡPeP°P»CḡC±C—C”PjC—Cḡ (PrCḡPḡPμ CḡC—PrPePs Bḡ” C—PSPPrP°PīP°PjC—Pr).

P— P±PsPeCrí PíCíPëC...C—PePë: P·PjC—PSPë PSP°CíC,CñPsCñ
(PSPµC±P°CíC,Ps вñ” PíPµCñPëPSPrPsPíCñPëP»); PíPsCñCíC€PµPSPSCñ CíPSCí
(PSPµC±P°CíC,Ps вñ” PíPµCñPëPSPrPsPíCñPëP»); PrPµPíCñPµCíC—Cñ (PSPµC±P°CíC,Ps* вñ”
PíPµCñPëPSPrPsPíCñPëP»); CíPíP»CíC,P°PSC—CíC,Cñ CíPIC—PrPsPjPsCíC,C— (PrCíP¶Pµ
CñC—PrPePs вñ” PíPµCñPëPSPrPsPíCñPëP»).

P— P±PsPeCr PSPμCḡPIPSPiPSC— CÍPëCÍC,PμPjPë: P·P°PíP°PjPsCḡPsC±PμPSPSCḡ
(C±P°CÍC,Ps Bḡ" PíPμCḡPëPSPPrPsPíCḡPëP»); PiPsP»PsPIPSPëPñ P±C-P»CHB
(C±P°CÍC,Ps Bḡ" PíPμCḡPëPSPPrPsPíCḡPëP», CḡC-PrPePs Bḡ" C-PSPPrP°PíP°PjC-Pr);
PíP°CḡPμCÍC,PμP·C-Cḡ (C±P°CÍC,Ps Bḡ" PíPμCḡPëPSPPrPsPíCḡPëP»,
CḡC-PrPePs Bḡ" C-PSPPrP°PíP°PjC-Pr); PrPëCÍPiPμPIP·C-Cḡ
(C±P°CÍC,Ps Bḡ" PíPμCḡPëPSPPrPsPíCḡPëP»); CÍPsPSP»PëPIC-CÍC,CHB
(PSPμC±P°CÍC,Ps* Bḡ" PíPμCḡPëPSPPrPsPíCḡPëP»); PSPμPíCḡPëC,PsPjPSC-CÍC,CHB
(PSPμC±P°CÍC,Ps* Bḡ" PíPμCḡPëPSPPrPsPíCḡPëP», C±P°CÍC,PsC,P°
PSPμPIC-PrPsPjP° Bḡ" C-PSPPrP°PíP°PjC-Pr); PIPSP°CÍP»C-PrPsPe PSP°PrPjC-CḡPSPSC—
P°CḡC,PμCḡC-P°P»CHBPSPSC— PiC-PíPsC,PμPSP·C— Cr PíP°C†C-C"PSC,C-PI PiCḡCrPíPë
PIPëCÍPsPePsPiPs CḡPëP·PëPeCr PjPsP¶P»PëPIPμ PIPëPSPëPePSPμPSPSCḡ C-PSCÍCrP»CHB,C,Cr
(PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSCḡB») (PrCÍP¶Pμ
CḡC-PrPePs - PíPμCḡPëPSPPrPsPíCḡPëP»); Cr CḡP°P·C- PíPμC±C-PSPePsPiPSC—
PSPμPrPsCÍC,P°C,PSPSCÍC,C- PjPsP¶P»PëPIPμ PIPëPSPëPePSPμPSPSCḡ PíPμC±C-PSPePsPiPSC—
PμPSC†PμC,,P°P»PsPíP°C,C-C— (PrPëPI. CḡPsP·PrC-P»Pë B«PμCḡPsC,PëPíPsPeP°P·P°PSPSCḡB») C,P° B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSCḡB») (C±P°CÍC,PsC,P°

PSP_μPIC-PrPsPjP° бҥ" C-PSPrP°PiP°PjC-Pr).

P— P±PsPeCf PsC₇PiP°PSC-PI P·PsC₇Cf: PiPsC₇CfC€PμPSPSC₇ P·PsC₇Cf
(C±P°CfC,Ps бҥ" PiPμC₇PēSPPrPsPiC₇PēP», C±P°CfC,PsC,P°
PSP_μPIC-PrPsPjP° бҥ" C-PSPrP°PiP°PjC-Pr); PjC-PsPiC-Cl (PrPēPI. C₇PsP·PrC-P»
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC₇B») (C±P°CfC,PsC,P°
PSP_μPIC-PrPsPjP° бҥ" C-PSPrP°PiP°PjC-Pr); PSPμC±C-C,PeC-CfC,Ch P·PsC₇Cf
(C±P°CfC,PsC,P° PSPμPIC-PrPsPjP° бҥ" C-PSPrP°PiP°PjC-Pr),
C...PsC₇C-PsC—PrP°P»CHPSPēPNē PIPēPiC-C, (C±P°CfC,PsC,P°
PSPμPIC-PrPsPjP° бҥ" C-PSPrP°PiP°PjC-Pr); PiPsCfC,C₇P° P·P°PeC₇PēC,PsPeCfC,PsPIP°
PiP»P°CfPePsPjP° (C±P°CfC,PsC,P° PSPμPIC-PrPsPjP° бҥ" C-PSPrP°PiP°PjC-Pr).

P— P±PsPeCf PsC₇PiP°PSC-PI CfP»CfC...Cf C,P° PIPμCfC,PēP±CfP»ClC₇PSPsPiPs
P°PiP°C₇P°C,Cf: PIPμC₇C,PēPiPs (C±P°CfC,Ps бҥ" PiPμC₇PēSPPrPsPiC₇PēP»,
C₇C-PrPePs бҥ" C-PSPrP°PiP°PjC-Pr); PrP·PIC-PS Cf PICfC...P°C...
(C±P°CfC,Ps бҥ" PiPμC₇PēSPPrPsPiC₇PēP»).

P— P±PsPeCf CfPμC₇CfCl: PiP°P»CHPiC-C,P°CfC-C— (PSPμC±P°CfC,Ps* -
PiPμC₇PēSPPrPsPiC₇PēP»); C,P°C...C-PeP°C₇PrC-Cl
(PSPμC±P°CfC,Ps* бҥ" PiPμC₇PēSPPrPsPiC₇PēP»); CfC,PμPSPsPeP°C₇PrC-Cl (PrPēPI.
C₇PsP·PrC-P» B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC₇B») (PrCfPμ
C₇C-PrPePs бҥ" PiPμC₇PēSPPrPsPiC₇PēP»); P°C₇PēC,PjC-Cl (Cf C,PsPjCf C±PēCfP»C-
P±C₇P°PrPēPeP°C₇PrC-Cl, C€P»CfPSPsC±PePsPIP° C,P°C...C-PeP°C₇PrC-Cl,
C,,C-P±C₇PēP»ClCfC-Cl PiPμC₇PμPrCfPμC₇PrCh) (PrCfPμ
C₇C-PrPePs бҥ" PiPμC₇PēSPPrPsPiC₇PēP» C,P° C-PSPrP°PiP°PjC-Pr); PIPSP°CfP»C-PrPsPe
PSP°PrPjC-C₇PSPsC— P°C₇C,PμC₇C-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C— Cf
PiP°CfC-C"PSC,C-PI PiC₇CfPiPē PIPēCfPsPePsPiPs C₇PēP·PēPeCf PjPsPμP»PēPIPμ
PIPēPSPēPePSPμPSPSC₇ C-PSC,,P°C₇PeC,Cf PjC-PsPeP°C₇PrP° (PrPēPI. C₇PsP·PrC-P»
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC₇B») (PrCfPμ
C₇C-PrPePs бҥ" PiPμC₇PēSPPrPsPiC₇PēP»); PiP°C₇PsPeCfPēP·PjP°P»CHPSP°
C€P»CfPSPsC±PePsPIP° C,P°C...C-PeP°C₇PrC-Cl C,PēPiCf B«PiC-C₇CfPμC,B»
(PiPsC,PμPSCfC-PNēPSPs P»PμC,P°P»CHPSP°) (PrPēPI. C₇PsP·PrC-P»Pē
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC₇B» C- B«P·P·P°C"PjPsPrC-Cl P·
C-PSC€PēPjPē P»C-PeP°C₇CfChPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSC€C- PIPēPrPē
PIP·P°C"PjPsPrC-PNēB») (C±P°CfC,PsC,P° PSPμPIC-PrPsPjP° бҥ" C-PSPrP°PiP°PjC-Pr).

P— P±PsPeCf CfCfPrPēPS: P°C₇C,PμC₇C-P°P»CHPSP° PiC-PiPsC,PμPSP·C-Cl (C-
PiC₇PsC₇PIPē, PiPsPiB₇™ ClP·P°PSC- P· PiC-PiPsC,PμPSP·C-C"Ch) (PrPēPI. C₇PsP·PrC-P»
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC₇B»)
(C±P°CfC,Ps бҥ" PiPμC₇PēSPPrPsPiC₇PēP», PrCfPμ C₇C-PrPePs бҥ" C-PSPrP°PiP°PjC-Pr);
PIP°CfPeCfP»C-C, (PSPμC±P°CfC,Ps* бҥ" PiPμC₇PēSPPrPsPiC₇PēP»); PiC₇PēPiP»PēPIPē
PμP°C₇Cf (C₇C-PrPePs бҥ" PiPμC₇PēSPPrPsPiC₇PēP»); C,,PμPSPsPjPμPS
P PμPNēPSPs (C±P°CfC,PsC,P° PSPμPIC-PrPsPjP° бҥ" PiPμC₇PēSPPrPsPiC₇PēP»).

P— P±PsPeCf PrPēC...P°P»CHPSPsC— CfPēCfC,PμPjPē, PsC₇PiP°PSC-PI PiC₇CfPrPSPsC—
PeP»C-C,PePē C,P° CfPμC₇PμPrPsCfC,C-PSPSC₇: PeP°C€PμP»CH (PrPēPI. C₇PsP·PrC-P»
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC₇B»)
(C±P°CfC,Ps бҥ" PiPμC₇PēSPPrPsPiC₇PēP»); P·P°PrPēC€PeP°
(C±P°CfC,Ps бҥ" PiPμC₇PēSPPrPsPiC₇PēP»); P±C₇PsPSC...PsCfPiP°P·Pj
(PSPμC±P°CfC,Ps бҥ" PiPμC₇PēSPPrPsPiC₇PēP»); PμPsP·PēPSPsC,,C-P»CHPSP°
PiPSPμPIPjPsPSC-Cl (PrCfPμ C₇C-PrPePs бҥ" PiPμC₇PēSPPrPsPiC₇PēP»).

P— P±PsPeCf C€P»CfPSPePsPIPs-PeP€C€PePsPIPsPiPs C,ChP°PeC,Cf: P±C-P»CH PI
P°P±PrPsPjC-PSP°P»CHPSC-PM PrC-P»CIPSC†C- (C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P»);
P·P°PiPsCh (C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P», ChC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr);
PrC-P°ChPµCf (C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P»); PrP€CfPiPµPiCfC-Cf
(C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P»); PSCfPrPsC,P°
(C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P», ChC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr);
P±P»ChPIP°PSPSCf (C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P»,
PSPµC†P°CfC,Ps бґ” C-PSPPrP°PiP°PjC-Pr); CfCfC...C-CfC,Ch Cf ChPsC,C-
(PSPµC†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P», ChC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr);
PiP°PSPeChPµP°C,P€C, (PrCfP¶Pµ ChC-PrPePs бґ” PiPµChP€PSPPrPsPiChP€P» C,P°
C-PSPPrP°PiP°PjC-Pr).

P— P±PsPeCf PiPµPiP°C,PsP±C-P»C-P°ChPSPSC— CfP€CfC,PµPjP€: PiPµPiP°C,P€C, (PrP€PI.
ChPsP·PrC-P» B«PhCfPsP±P»P€PIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB») (PrCfP¶Pµ
ChC-PrPePs бґ” PiPµChP€PSPPrPsPiChP€P», C†P°CfC,PsC,P°
PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr); PiPsChCfC€PµPSPSCf C„CfPSPeC†C-C—
PiPµC†C-PSPeP€ (PrCfP¶Pµ ChC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr).

P— P±PsPeCf C€PeC-ChP€ C,P° PiC-PrC€PeC-ChPSPSC—
PeP»C-C,PePsPIP€PSP€: CfPIPµChP±C-P¶ (C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P»);
PIP€CfP€PiP°PSPSCf (C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P»);
PjP°PeCfP»PsPiP°PiCfP»CHPsP·PSC- PIP€CfP€PiP°PSPSCf
(C†P°CfC,Ps бґ” C-PSPPrP°PiP°PjC-Pr); PeChPsPiP€PIбґ™ CIPSPeP° (PrP€PI. ChPsP·PrC-P»
B«PhCfPsP±P»P€PIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»)
(PSPµC†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P», PrCfP¶Pµ
ChC-PrPePs бґ” бґ” C-PSPPrP°PiP°PjC-Pr); P°PSPIC-PsPSPµPICChPsC,P€C†PSP€PN€
PSP°P±ChCfP€ (PrP€PI. ChPsP·PrC-P» B«PhCfPsP±P»P€PIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCfB») (PSPµC†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P», PrCfP¶Pµ
ChC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr); PiCfChPiCfChP°
(PSPµC†P°CfC,Ps бґ” C-PSPPrP°PiP°PjC-Pr); PiC-PiPµChPiC-PrChPsP·
(PSPµC†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P»); ChPµP°PeC†C-C—
C„PsC,PsC†CfC,P»P€PIPsCfC,C- (PSPµC†P°CfC,Ps* бґ” PiPµChP€PSPPrPsPiChP€P»,
C†P°CfC,PsC,P° PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr); PiPµPjC„C-PiPsC—Pr
(PSPµC†P°CfC,Ps* бґ” PiPµChP€PSPPrPsPiChP€P»); PiPsCfP€P»PµPSPSCf CfP€PjPiC,PsPjC-PI
PiCfPsChC-P°P·Cf (ChC-PrPePs* бґ” PiPµChP€PSPPrPsPiChP€P»); PjCfP»CHC,P€C„PsChPjPSP°
PµChP€C,PµPjP° (PrCfP¶Pµ ChC-PrPePs бґ” PiPµChP€PSPPrPsPiChP€P»); C,PsPeCfP€C†PSP€PN€
PµPiC-PrPµChPjP°P»CHPSP€PN€ PSPµPeChPsP»C-P· (PrCfP¶Pµ
ChC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr); CfP€PSPChPsPj PŸC,C-PIPµPSCfP°-P”P¶PsPSCfPsPSP°
(PrCfP¶Pµ ChC-PrPePs бґ” C-PSPPrP°PiP°PjC-Pr).

P— P±PsPeCf PsPiPsChPSPSC-ChCfC...PsPIPsC— CfP€CfC,PµPjP€ C,P° CfPiPsP»CfC†PSPSC—
C,PeP°PSP€PSP€: CfPiP°P·PjP€ Pjбґ™ CIP·C-PI (C†P°CfC,Ps бґ” PiPµChP€PSPPrPsPiChP€P»,
C†P°CfC,PsC,P° PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr); PjPsP¶P»P€PIPµ
PiPsPiC-ChC€PµPSPSCf C-CfPSCfChC†PsPiPs PiPsCfC,ChPsPiPs CfP€CfC,PµPjPSPsPiPs
C†PµChPIPsPSPsPiPs PIPsPIC†P°PeP° (C†P°CfC,PsC,P°
PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr); P°ChC,ChP°P»PiC-Cf
(PSPµC†P°CfC,Ps* бґ” PiPµChP€PSPPrPsPiChP€P»); PjC-P°P»PiC-Cf
(PSPµC†P°CfC,Ps* бґ” PiPµChP€PSPPrPsPiChP€P», C†P°CfC,PsC,P° PSPµPIC-PrPsPjP° бґ”
C-PSPPrP°PiP°PjC-Pr); Pjбґ™ CIP·PsPIP° CfP»P°P±PeC-CfC,Ch (C†P°CfC,PsC,P°
PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr); ChP°P±PrPsPjC-PsP»C-P· (C†P°CfC,PsC,P°
PSPµPIC-PrPsPjP° бґ” C-PSPPrP°PiP°PjC-Pr).

P— P±PsPeCf CÍPµC±PsPIPëPrC-P»CHbPSPsC— CÍPëCÍC,PµPjPë: PSPëCfPePsPIP°
PSPµPrPsCÍC,P°C,PSC-CÍC,CH (PSPµC±P°CÍC,Ps бҥ” ПіµCfPëPSPPrPsPіCfPëP», PrCfP¶Pµ
CfC-PrPePs бҥ” C-PSPPrP°PіP°PjC-Pr); PiPsCÍC,CfP° PSPëCfPePsPIP°
PSPµPrPsCÍC,P°C,PSC-CÍC,CH (CfC-PrPePs бҥ” ПіµCfPëPSPPrPsPіCfPëP»);
P°PSCfCfC-Cf/PsP»C-PiCfCfC-Cf (CfC-PrPePs* бҥ” ПіµCfPëPSPPrPsPіCfPëP»).

P— P±PsPeCf CfPµPіCfPsPrCfPeC,PëPIPSPsC— CÍPëCÍC,PµPjPë C,P° PjPsP»PsC±PSPëC...
P·P°P»PsP·: PµCfPµPeC,PëP»CHbPSP° PrPëCÍC„CfPSPeC†C-Cf
(PSPµC±P°CÍC,Ps бҥ” ПіµCfPëPSPPrPsPіCfPëP» C,P° C-PSPPrP°PіP°PjC-Pr).

P—P°PіP°P»CHbPSC- CfPsP·P»P°PrPë C,P° CfPµP°PeC†C-C— CÍ PjC-CÍC†C-
PIPIµPrPµPSPSCf: P°CÍC,PµPSC-Cf (C±P°CÍC,Ps бҥ” ПіµCfPëPSPPrPsPіCfPëP»); P±C-P»CH
CÍ PiCfCfPrCfC... (PSPµC±P°CÍC,Ps* бҥ” ПіµCfPëPSPPrPsPіCfPëP»); PSPµP·PrCfP¶P°PSPSCf
(PSPµC±P°CÍC,Ps* бҥ” ПіµCfPëPSPPrPsPіCfPëP»); PiµCfPëC„PµCfPëC±PSPëP№
PSP·P±CfCfPe (PSPµC±P°CÍC,Ps* бҥ” ПіµCfPëPSPPrPsPіCfPëP»); PіC-CfPµPeCÍC-Cf
(PSPµC±P°CÍC,Ps* бҥ” ПіµCfPëPSPPrPsPіCfPëP»); PIC,PsPjP°
(CfC-PrPePs бҥ” C-PSPPrP°PіP°PjC-Pr).

P PµP·CfP»CHbC,P°C,Pë P»P°P±PsCfP°C,PsCfPSPëC...
PrPsCÍP»C-PrP¶PµPSCb: PіC-PrPIPëC%PµPSPSCf CfC-PIPSCF CÍPµC±PsPIPëPSPë PI
PeCfPsPIC- (PSPµC±P°CÍC,Ps* бҥ” ПіµCfPëPSPPrPsPіCfPëP»); PіC-PrPIPëC%PµPSPSCf
CfC-PIPSCF PeCfPµP°C,PëPSC-PSCr PI PeCfPsPIC-
(PSPµC±P°CÍC,Ps* бҥ” ПіµCfPëPSPPrPsPіCfPëP»); PіC-PrPIPëC%PµPSPSCf CfC-PIPSCF
P±C-P»C-CfCfP±C-PSCr PI PeCfPsPIC- (CfC-PrPePs бҥ” ПіµCfPëPSPPrPsPіCfPëP»);
PіC-PrPIPëC%PµPSPSCf CfC-PIPSCF ПіµC±C-PSPePsPIPëC... C„PµCfPjPµPSC,C-PI
(CfC-PrPePs бҥ” ПіµCfPëPSPPrPsPіCfPëP», C±P°CÍC,PsC,P°
PSPµPIC-PrPsPjP° бҥ” C-PSPPrP°PіP°PjC-Pr); P·PSPëP¶PµPSPSCf CfC-PIPSCF
PiµPjPsPiP»PsP±C-PSCr C,P° PiµPjP°C,PsPeCfPëC,Cf (PrPëPI. CfPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCfPIP°PSPSCfB») (PrCfP¶Pµ
CfC-PrPePs бҥ” ПіµCfPëPSPPrPsPіCfPëP»); PіC-PrPIPëC%PµPSPSCf CfC-PIPSCF
PiP»CfPePsP·Pë PI PeCfPsPIC- (C±P°CÍC,PsC,P° PSPµPIC-PrPsPjP° бҥ” C-PSPPrP°PіP°PjC-Pr);
PіC-PrPIPëC%PµPSPSCf CfC-PIPSCF CÍPµC±PsPIPsC— PePëCÍP»PsC,Pë PI PeCfPsPIC-
(C±P°CÍC,PsC,P° PSPµPIC-PrPsPjP° бҥ” C-PSPPrP°PіP°PjC-Pr); PiPsPrPsPIP¶PµPSPSCf
C-PSC,PµCfPIP°P»Cf QT PSP° P·PbP” (PrPëPI. CfPsP·PrC-P»Pë B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCfPIP°PSPSCfB» C- B«P·P·P°C”PjPsPrC-Cf P· C-PSCëPëPjPë
P»C-PeP°CfCfCHbPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-P№B») (C±P°CÍC,PsC,P° PSPµPIC-PrPsPjP° бҥ” C-PSPPrP°PіP°PjC-Pr).

PJCëPePsPrP¶PµPSPSCf, PsC,CfCfC”PSPSCf C,P° CÍCÍPeP»P°PrPSPµPSPSCf PіCfPë
PіCfPsPIPµPrPµPSPSC- PіCfPsC†PµPrCfCf: PіP°PrC-PSPSCf
(PSPµC±P°CÍC,Ps* бҥ” ПіµCfPëPSPPrPsPіCfPëP»).

* PŞP°CÍC,PsC,P° PіCfPsCfPIC-PI PiPsP±C-C±PSPëC... CfPµP°PeC†C-P№, PIPëCfPIP»PµPSPëC...
P·P° PrPsPiPsPjPsPiPsCf CÍPiPsPSC,P°PSPSPëC... PiPsPIC-PrPsPjP»PµPSCb,
CfPsP·CfP°C...PsPIP°PSP° P·P° PrP°PSPëPjPë PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PµPSCb.

P—PIC-C, PіCfPs PіC-PrPsP·CfCfPIP°PSC- PiPsP±C-C±PSC- CfPµP°PeC†C-C—

PµPsPIC-PrPsPjP»PµPSPSCf PіCfPs PiPsP±C-C±PSC- CfPµP°PeC†C-C— PіC-CÍP»Cf
CfPµC”CÍC,CfP°C†C-C— P»C-PeP°CfCfCHbPePsPiPs P·P°CÍPsP±Cf PjP°C” PIP°P¶P»PëPIPµ
P·PSP°C±PµPSPSCf. PіPµ PrP°C” P·PjPsPiCf PіCfPsPIPsPrPëC,Pë PjPsPSC-C,PsCfPëPSPI
CÍPіC-PIPIC-PrPSPsCëPµPSPSCf PePsCfPëCÍC,CH/CfPëP·PëPe PіCfPë

P·P°CfC,PsCfCfPIP°PSPSC- C†CHbPsPiPs P»C-PeP°CfCfCHbPePsPiPs P·P°CfPsP±Cf.
PbPmPrPëC†PSPëPj C,P° C,,P°CfPjP°C†PmPIC,PëC†PSPëPj PïCfP°C†C-PIPSPëPeP°Pj, P°
C,P°PePsP¶ PïP°C†C-C”PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPëPj PïCfPmPrCfC,P°PIPSPëPeP°Pj
CfP»C-Pr PïPsPIC-PrPsPjP»CfC,Pë PïCfPs CfCfC- PIPëPïP°PrPePë PïC-PrPsP·CfCfPIP°PSPëC...
PïPsP±C-C†PSPëC... CfPmP°PeC†C-PNë C,P° PIC-PrCfCfC,PSPsCfC,C-
PmC,,PmPeC,PëPIPSPsCfC,C- P»C-PeP°CfCfCHbPePsPiPs P·P°CfPsP±Cf C†PmCfPmP·
PbPIC,PsPjP°C,PëP·PsPIP°PSCf C-PSC,,PsCfPjP°C†C-PNëPSCf CfPëCfC,PmPjCf P·
C,,P°CfPjP°PePsPSP°PiP»CfPPrCf P·P° PïPsCfPëP»P°PSPSCfPj: <https://aisf.dec.gov.ua>

PŷPmCfPjC-PS PïCfPëPrP°C,PSPsCfC,C-.

2 CfPsPePë.

PJPjPsPIPë P·P±PmCfC-PiP°PSPSCf.

P—P±PmCfC-PiP°C,Pë PïCfPë C,PmPjPïPmCfP°C,CfCfC- PSPm PIPëC‰Pm 30 B°C PI
PsCfPëPiC-PSP°P»CHbPSC-PNë CfPïP°PePsPIC†C-.

P—P±PmCfC-PiP°C,Pë Cf PSPmPrPsCfC,CfPïPSPsPjCf PrP»Cf PrC-C,PmPNë PjC-CfC†C-.

PJPïP°PePsPIPëP°.

PmPs 30 C,P°P±P»PmC,PsPe (10 × 3) Cf P±P»C-CfC,PmCfC- Cf PïP°C†C†C- P· PeP°CfC,PsPSCf.

PbP°C,PmPiPsCfC-Cf PIC-PrPïCfCfPeCf.

P—P° CfPmC†PmPïC,PsPj.

P’PëCfPsP±PSPëPe.

PŷPhP’ PkP’Pα B«PbP†PbP PhPΓP†PbB» (PIPëCfPsP±PSPëC†P° PrC-P»CHbPSPëC†Cf (PICfC-
CfC,P°PrC-C— PIPëCfPsP±PSPëC†PsPiPs PïCfPsC†PmCfCf)).

**PbC-CfC†PmP·PSP°C...PsPrP¶PmPSPSCf PIPëCfPsP±PSPëPeP° C,P° PNëPsPiPs
P°PrCfPmCfP° PjC-CfC†Cf PïCfPsPIP°PrP¶PmPSPSCf PrC-CfP»CHbPSPsCfC,C-.**

PJPëCfP°C—PSP°, 93400, P>CfPiP°PSCfCHbPeP° PsP±P»P°CfC,CHb, Pj.
PŷC”PIC”CfPsPrPsPSPmC†CHbPe, PICfP». PmCfPsPjPëCfP»PsPIP°, P±CfPr. 24-PI

P—P°CfPIPSPëPe.

PŷPhP’ PkP’Pα B«PbP†PbP PhPΓP†PbB».

PbC-CfC†PmP·PSP°C...PsPrP¶PmPSPSCf P·P°CfPIPSPëPeP°.

PJPëCfP°C—PSP°, 01013, Pj. PbPëC—PI, PICfP». P’CfPrC-PSPrCfCfC,CfC-C—, P±CfPr. 5.

PmPsPIC-PrPsPjPëC,Pë PïCfPs PSPmP±P°P¶P°PSPm CfPIPëC‰Pm PïCfPë
P·P°CfC,PsCfCfPIP°PSPSC- P»C-PeP°CfCfCHbPePsPiPs P·P°CfPsP±Cf P’Pë PjPsP¶PmC,Pm P·P°
C,PmP»PmC,,PsPSPsPj 38 (050) 309-83-54 (C†C-P»PsPrPsP±PsPIPs).