

Р†РќРЎРЎР РЈРЉРІРІРІ

**РrP»CЏ РjPμPrPëC†PSPsPiPs Р·Р°CГC,PsCГCГPIP°PSPSCЏ Р»C-РeP°CГCГCҺРePsPiPs
Р·Р°CГPsP±CГ**

Р"PsPeCГPsCГCГP±C-C†PëPS-Р'C-CГC,Р°

(Doxorubicine-Vista)

РЎРeР»Р°Рr:

PrC-CГC†P° CГPμC†PsPIPëPSP°: doxorubicin;

1 РjP» РePsPSC†PμPSC,CГP°C,CГ РjC-CГC,РëC,CҺ 2 РjPi PrPsPeCГPsCГCГP±C-C†PëPSCГ
PiC-PrCГPsC...P»PsCГPëPrCГ;

*PrPsPiPsPjC-PПPSC- CГPμC†PsPIPëPSPë: PSP°C,CГC-CГ C...P»PsCГPëPr, CГPsP·C†PëPS
РePëCГP»PsC,Рë C...P»PsCГPëCГC,PsPIPsPrPSPμPIPsC— 0,1 РҺ, PIIPSPrP° PrP»CЏ
C-PSБГ™ C"РeC†C-Р№.*

Р»C-РeP°CГCГCҺРeP° C,,PsCГРjP°. РљPsPSC†PμPSC,CГP°C, PrP»CЏ CГPsP·C†PëPSCГ
PrP»CЏ C-PSC,,CГP·C-Р№.

*PhCГPSPsPIPSC- C,,C-P·РëРePs-C...C-PjC-C†PSC- PIP»P°CГC,РëPIPsCГC,C-: PiCГPsP·PsCГPëР№
CГPsP·C†PëPS C†PμCГPIPsPSPsPiPs РePsP»CҺPsCГCГ.*

Р»P°CГРjP°РePsC,РμCГP°PiPμPIC,РëC†PSP° PiCГCГPiP°.

РҺPSC,РëPSPμPsPiP»P°CГC,РëC†PSC- C,Р° C-РjCГPSPsPjPsPrCГP»CГCГC†C- Р·Р°CГPsP±Рë.
РјРëC,PsC,PsPeCГPëC†PSC- P°PSC,РëP±C-PsC,РëРeРë C,Р° CГPiPsCГC-PrPSPμPSC-
CГPμC†PsPIPëPSPë. РљPsPr РҺРЎРІГ L01D P'01.

Р»P°CГРjP°РePsP»PsPiC-C†PSC- PIP»P°CГC,РëPIPsCГC,C-.

Р»P°CГРjP°РePsPrPëPSP°PjC-РeP°.

Р"PsPeCГPsCГCГP±C-C†PëPS – C†PëC,PsC,PsPeCГPëC†PSPëР№
P°PSC,CГP°C†PëРeP»C-PSPsPIPëР№ P°PSC,РëP±C-PsC,РëРe, PIPëPrC-P»PμPSPëР№ C-P·
РeCГP»CҺC,CГCГPë *Streptomyces peucetius var. caesius*. РЎРμPiPμCГ
PrPsPeCГPsCГCГP±C-C†PëPS PIPëCГPsP±P»CЏCГC,CҺ

PSP°PīC-PICÍPēPSC,PμC,PēC±PSPs P· PrP°CíPSPsCḡCíP±C-C†PēPSCí.

PŷPsC±PSPēPNē PjPμC...P°PSC-P·Pj PrC-C— PsCíC,P°C,PsC±PSPs PSPμ
P·Bḡ™ CÍCÍPsPIP°PSPēPNē. PμCḡPēPīCíCíPēP°C”C,CHCÍCÍ, C%oPs
PrPsPeCíPSCḡCíP±C-C†PēPS PIPēCÍPIP»CÍC” CÍPIC-PNē PīCḡPsC,PēPīCíC...P»PēPSPSPēPNē
PμC,,PμPeC, C±PμCḡPμP· C†PēC,PSC,PsPeCíPēC±PSC- PjPμC...P°PSC-P·PjPē PrC-C—,
PsCíPsP±P»PēPIPs CēP»CÍC...PsPj C-PSC,PμCḡPēP°P»CÍC†C-C— P”ṔPḡ,
PīCḡPēPīPSC-C±PμPSPSCÍ C,,PμCḡPjPμPSC,Cí C,PSPiPsC-P·PsPjPμCḡP°P·Pē II, P° C,P°PePsPḡ
CíC,PIPsCḡPμPSPSCÍ P°PeC,PēPIPSPēC... C,,PsCḡPj PePēCíPSCḡ (PḡPḡPḡ). P’CíC- PIPsPSPē
PjP°CḡC,CH CēPeC-PrP»PēPIPēPNē PIPiP»PēPI PSP° CíPēPSC,PμP· P”ṔPḡ:
C-PSC,PμCḡPēP°P»CÍC†C-CÍ PjPsP»PμPeCíP»Pē PrPsPeCíPSCḡCíP±C-C†PēPSCí
PīCḡPēP·PIPsPrPēC,CH PrPs PīCḡPēPīPSC-C±PμPSPSCÍ P ṔPḡ C- P”ṔPḡ-
PīPsP»C-PjPμCḡP°P·Pē CēP»CÍC...PsPj PīPsCḡCíCēPμPSPSCÍ CḡPsP·PīC-P·PSP°PIP°PSPSCÍ
PsCíPSPsPI C- CíPīPμC†PēC,,C-C±PSPsCíC,C- PīPsCíP»C-PrPsPIPSsCíC,PμPNē.
PμCḡPēPīPSC-C±PμPSPSCÍ C,PSPiPsC-P·PsPjPμCḡP°P·Pē II CíPīCḡPēC±PēPSCÍC” PsPrPSPs- C-
PrPIPsP»P°PSC†CḡPīPsPIC- CḡPsP·CḡPēPIPē CíPīC-CḡP°P»C- P”ṔPḡ.
P PsP·C%oPμPīP»PμPSPSCÍ P”ṔPḡ C,P°PePsPḡ PIPēPSPēPeP°C” PIPSP°CíP»C-PrPsPe
C...C-PjC-C±PSPsC— CḡPμP°PeC†C-C— P· PIPēCíPsPePsP°PeC,PēPIPSPēPjPē C,,PsCḡPjP°PjPē
PePēCíPSCḡ, C,P°PePēPjPē CÍPe PīC-PrCḡPsPeCíPēP»CHPSPēPNē CḡP°PrPēPeP°P» PḡṔ*,
PSP°CíP»C-PrPeP°PjPē C±PsPiPs C” PjCíC,P°PiPμPSPμP· C,P° C...CḡPsPjPsCíPsPjPSC-
P°P±PμCḡP°C†C-C—.

PŷPīPμC†PēC,,C-PeP° C,PSPeCíPēC±PSPsCíC,C- PrPsPeCíPSCḡCíP±C-C†PēPSCí,
PsC±PμPIPēPrPSPs, PīPsPīBḡ™ CÍP·P°PSP° PSP°CíP°PjPīPμCḡPμPrB C-P·
PīCḡPsP»C-C,,PμCḡP°C,PēPIPSsCḡ P°PeC,PēPIPSC-CíC,Cḡ P·PrPsCḡPsPIPsC—
C,PeP°PSPēPSPē. PŷP°PePēPj C±PēPSPsPj, PeC-CíC,PePsPIPēPNē PjPsP·PsPe, CēP»CíPSPePsPIPs-
PePēCēPePsPIPēPNē C,CḡP°PeC, C- CíC,P°C,PμPIC- P·P°P»PsP·Pē C” PsCíPSPsPIPSPēPjPē
PīPsCēPePsPrPḡPμPSPēPjPē PSPsCḡPjP°P»CHPSPēPjPē C,PeP°PSPēPSP°PjPē.

PḡPrPSC-C”Cḡ P· PīPsP»PsPIPSPēC... PīCḡPēC±PēPS PSPμPμC,,PμPeC,PēPIPSsCíC,C-
P»C-PeCíPIP°PSPSCÍ PrPsPeCíPSCḡCíP±C-C†PēPSPsPj C,P° C-PSCēPēPjPē
P°PSC,CḡP°C†PēPeP»C-PSP°PjPē C” CḡPsP·PIPēC,PSPe CḡPμP·PēCíC,PμPSC,PSPsCíC,C-.
P”P»CÍ PīPsPrPsP»P°PSPSCÍ PeP»C-C,PēPSPSPsC— CḡPμP·PēCíC,PμPSC,PSPsCíC,C- PrPs
PrPsPeCíPSCḡCíP±C-C†PēPSCí CíP»C-Pr P·P°CíC,PSCíPsPICíPIP°C,Pē
P°PSC,P°PiPsPSC-CíC,Pē PeP°P»CHC†C-Cḡ, PSP°PīCḡPēPeP»P°Pr PIPμCḡP°PīP°PjC-P»,
PsCíPeC-P»CHPePē PīPμCḡPIPēPSPSPsCḡ PjC-CēPμPSPSCḡ C” PeP»C-C,PēPSPSP°
PjPμPjP±CḡP°PSP°. P’PμCḡP°PīP°PjC-P» P±P»PsPeCíC” PīPsPIC-P»CHPSC-
PeP°P»CHC†C-C”PIC- PeP°PSP°P»Pē C- PjPsPḡPμ PīPsCíPēP»CḡPIP°C,Pē PeP»C-C,PēPSPSPμ
P·P°C...PsPīP»PμPSPSCÍ PrPsPeCíPSCḡCíP±C-C†PēPSCí. PŷP»C-Pr P·P°P·PSP°C±PēC,Pē, C%oPs
PīCḡPē PePsPjP±C-PSPsPIP°PSPsPjCí P·P°CíC,PSCíCíPIP°PSPSC-
PrPsPeCíPSCḡCíP±C-C†PēPSCí C- PIPμCḡP°PīP°PjC-P»Cí CíPīPsCíC,PμCḡC-PiP°CḡC,CHCÍCÍ
C,CÍPḡPeC- C,PSPeCíPēC±PSC- PμC,,PμPeC,Pē.

PḡP°CḡPjP°PePsPeC-PSPμC,PēPeP°.

P PsP·PīPsPrC-P»

PμC-CíP»CÍ PIPSCíC,CḡC-CēPSCḡPsPIPμPSPSPsPīPs PIPiPμPrPμPSPSCÍ
PrPsPeCíPSCḡCíP±C-C†PēPS CēPIPēPrPePs PIPēPIPsPrPēC,CHCÍCÍ P· PeCḡPsPIC- C-
CēPēCḡPsPePs CḡPsP·PīPsPICíCḡPrPḡCíC”C,CHCÍCÍ PīPs C,PeP°PSPēPSP°C...,
PIPeP»CḡC±P°CḡC±Pē P»PμPiPμPSC-, PīPμC±C-PSPeCí, CíPμCḡC†Pμ, CíPμP»PμP·C-PSPeCí,
P»C-PjC,,P°C,PēC±PSC- PICíP·P»Pē, PeC-CíC,PePsPIPēPNē PjPsP·PsPe C,P° PSPēCḡPePē.

PhP±BTM C" Pj C₇PsP·PīPsPrC-P»C₇C, P°PSPsPIPēC, CH PīC₇PēP±P»PēP·PSPs 25 P»/PePi.
PŸC, CrPīC-PSC₇ P·PIBTM C₇P·C₇PIP°PSPSC₇ P· P±C-P»PeP°PjPē PīP»P°P·PjPē PeC₇PsPIC-
C₇C, P°PSPsPIPēC, CH 60-70 %.

P"PsPeC₇PsC₇CrP±C-C†PēPS PSPμ PīC₇PsPSPēPeP°C" PeC₇C-P·CH
PiPμPjP°C, PsPμPSC†PμC,, P°P»C-C†PSPēPNē P±P°C₇BTM C" C₇, C...PsC†P° P·P°
PSP°C₇PIPSPsC₇C, C- PjPμC, P°C₇C, P°P·C-PI PiPsP»PsPIPSPsPiPs PjPsP·PeC₇ P°P±Ps
P»PμPNēPePsP·PSPsC— C†PμC₇PμP±C₇P°P»CHPSPsC— PrPēC₇PμPjC-PSP°C†C-C— Cr
P»C-PePIPsC₇C- PjPsP¶C₇C, CH PrPsC₇C₇PIP°C, PēC₇C₇ P±C-P»CHC€ PIPēC₇PsPeC-
C₇C-PIPSC- PīC₇PμPīP°C₇P°C, Cr. P"PsPeC₇PsC₇CrP±C-C†PēPS C€PIPēPrPePs
PīPsC€PēC₇C₇C, CHC₇C₇ PI P°C₇C†PēC,, PrPμ PIC-PS PrPsC₇C₇PIP°C" P±C-P»CHC€
PIPēC₇PsPePēC... PePsPSC†PμPSC, C₇P°C†C-PNē, PSC-P¶ Cr PīP»P°P·PjC-.
P"PsPeC₇PsC₇CrP±C-C†PēPS PIPēPrC-P»C₇C" C, CHC₇C₇ Cr PiC₇CrPrPSPμ PjPsP»PsPePs.

P'PēPIPμPrPμPSPSC₇

P'PēPIPμPrPμPSPSC₇ PrPsPeC₇PsC₇CrP±C-C†PēPSC₇ P· PeC₇PsPIC- C" C, C₇PēC,, P°P·PSPēPj
C-P· PīPμC₇C-PsPrP°PjPē PSP°PīC-PIPIPēPIPμPrPμPSPSC₇ P 12 C...PIPēP»PēPS
(C₇PsP·PīPsPrC-P»), 3,3 PiPsPrPēPSPē C, P° 30 PiPsPrPēPS. P"PsPeC₇PsC₇CrP±C-C†PēPS
PīC-PrPrP°C" C, CHC₇C₇ C€PIPēPrPePsPjCr PjPμC, P°P±PsP»C-P·PjCr PI PīPμC†C-PSC†C-.
PhC₇PSPsPIPSPēPj PjPμC, P°P±PsP»C-C, PsPj C" PjPμPSC€ P°PeC, PēPIPSPēPNē 13
PrPēPiC-PrC₇PsPrPμC₇PēPIP°C, PēPIPSPēPNē PrPsPeC₇PsC₇CrP±C-C†PēPSPsP».B
P†PSC€PēPjPē PjPμC, P°P±PsP»C-C, P°PjPē C" PrPμPsPeC₇PēC₇CrP±C-C†PēPS P°PiP»C-PePsPS,
PiP»C₇PeC₇PsPSC-PrPSPēPNē C- C₇CrP»CHC,, P°C, PSPēPNē PePsPSBTM C₇PiP°C,,
PμC₇PēP±P»PēP·PSPs 40-50 PrPsP·Pē PIPēPrC-P»C₇C" C, CHC₇C₇ P· P¶PsPIC†C₇
PīC₇PsC, C₇PIPsPj 7 PrPSC-PI, P· C₇PePēC... PīC₇PēP±P»PēP·PSPs PīPsP»PsPIPēPSP°B
PIPēPIPsPrPēC, CHC₇C₇ P· PsC₇PiP°PSC-P·PjCr Cr PIPēPiP»C₇PrC- PSPμP·PjC-PSPμPSPsPiPs
P»C-PeP°C₇C₇CHPePsPiPs P·P°C₇PsP±C₇, P° C₇PμC€C, P° - Cr PIPēPiP»C₇PrC-
PjPμC, P°P±PsP»C-C, C-PI. PŸC-P»CHPePē 5-15 % PIPiPμPrPμPSPsC— PrPsP·PēB
PIPēPIPsPrPēC, CHC₇C₇ C-P· C₇PμC†PμC₇.

PhC₇PsP±P»PēPIC- PiC₇C†PīPē PīP°C†C-C" PSC, C-PI

PhC₇PeC-P»CHPePē PIPēPIPμPrPμPSPSC₇ PrPsPeC₇PsC₇CrP±C-C†PēPSC₇
P·PrC-PNēC₇PSC₇C" C, CHC₇C₇ PI PsC₇PSPsPIPSPsPjCr C†PμC₇PμP· PīPμC†C-PSPeC₇,
PrPēC₇C,, CrPSPeC†C-C₇ PīPμC†C-PSPePē PīC₇PēP·PIPsPrPēC, CH PrPs
C₇PīPsPIC-P»CHPSPμPSPsC— PμPeC₇PeC₇PμC†C-C—, P° PsC, P¶Pμ, PrPs
P·P±C-P»CHC€PμPSPSC₇ CrC, C₇PēPjP°PSPSC₇ C, P° PSP°PePsPīPēC†PμPSPSC₇ PI PīP»P°P·PjC-
PeC₇PsPIC- C- C, PeP°PSPēPSP°C....

P†PsC†P° PSPēC₇PePsPIP° PμPeC₇PeC₇PμC†C-C₇ C" PrC₇CrPiPsC₇C₇PrPSPēPj C€P»C₇C...PsPj
PIPēPIPμPrPμPSPSC₇ PrP»C₇ PrPsPeC₇PsC₇CrP±C-C†PēPSC₇, C, C₇PIP¶PeP° PSPēC₇PePsPIP°
PSPμPrPsC₇C, P°C, PSC-C₇C, CH PjPsP¶Pμ PIPiP»PēPIP°C, Pē PSP° PīPsPIPSPμ
PIPēPIPμPrPμPSPSC₇.

Pj PrPsC₇P»C-PrP¶PμPSPSC- C₇PμC₇PμPr PīP°C†C-C" PSC, C-PI P· PSP°PrPjC-C₇PSPsC₇
PjP°C₇PsC₇ C, C-P»P° (>130 % PIC-Pr C-PrPμP°P»CHPSPsC— PjP°C₇Pē C, C-P»P°)
PeP»C-C₇PμPSC₇ PrPsPeC₇PsC₇CrP±C-C†PēPSC₇ P±C†PI C₇PePsC₇PsC†PμPSPēPNē, P°
PīPμC₇C-PsPr PSP°PīC-PIC₇PsP·PīP°PrCr P·P±C-P»CHC€C₇PIP°PIC₇C₇ PīPsC₇C-PIPSC₇IPSPs
P· PePsPSC, C₇PsP»CHPSPsC₇ PiC₇CrPīPsC₇ PīP°C†C-C" PSC, C-PI P· PSPsC₇PjP°P»CHPSPsC₇
PjP°C₇PsC₇ C, C-P»P°.

$C\acute{r}C, P_{\mu}PSPsP \cdot PsP_j$ $C\acute{r}C\check{H}P_{\mu}C, C\check{H}P\ddot{e}$, $C\acute{r}$ $C\check{I}P\epsilon P\ddot{e}C \dots PSP_{\mu}$ $P_jPsP\check{I}P \gg P\ddot{e}PIP^{\circ}$
 $PeP^{\circ}C, P_{\mu}C, P_{\mu}C\check{H}P\ddot{e}P \cdot P^{\circ}C\check{I}C-C\check{I}$; $C \dots PIPsC\check{H}P\ddot{e}P_j$ $P \cdot C-PSPIP^{\circ}P \cdot P\ddot{e}PIPSP\ddot{e}P_jP\ddot{e}$
 $P\ddot{e}C\acute{r}C \dots P \gg P\ddot{e}PSP^{\circ}P_jP\ddot{e}$, $C\check{I}P\epsilon C-$ $P\ddot{e}C\check{H}PsPSP\ddot{e}PeP \gg P\ddot{e}$ $PeC\check{H}C-P \cdot CH$ $C\acute{r}C, C-PSPeP\ddot{e}$
 $C\acute{r}P_{\mu}C\check{I}PsPIPSPiPs$ $P_jC-C \dots C\acute{r}C\check{H}P^{\circ}$.

PhC\acute{r}PsP\pm P \gg P\ddot{e}PIC- P \cdot P^{\circ}C \dots PsPrP\ddot{e} P \pm P_{\mu}P \cdot P\ddot{e}P_{\mu}PeP\ddot{e}.

$P''PsPeC\acute{r}PsC\check{H}C\acute{r}P \pm C-C\check{I}P\ddot{e}PS$ C'' $C\acute{r}P\ddot{e}P \gg CH\check{H}PSPsPrC-CHC\check{I}P\ddot{e}P_j$ $C\check{I}P\ddot{e}C, PsC, PsPeC\acute{r}P\ddot{e}C\check{I}PSP\ddot{e}P_j$
 $P \gg C-PeP^{\circ}C\check{H}C\acute{r}CH\check{H}PeP\ddot{e}P_j$ $P \cdot P^{\circ}C\acute{r}PsP \pm PsP_j$, $C\check{I}P\epsilon P\ddot{e}P_{N\ddot{e}}$ $P_jPsP\check{I}C\acute{r}C, CH$ $P\ddot{e}C\check{H}P\ddot{e}P \cdot PSP^{\circ}C\check{I}P^{\circ}C, P\ddot{e}$,
 $P\ddot{e}C-PrPiPsC, PsPIP \gg CHPIP^{\circ}C, P\ddot{e}$ C, P° $PIPIPsPrP\ddot{e}C, P\ddot{e}$ $C, C-P \gg CH\check{H}PeP\ddot{e}$ $C, P^{\circ}C \dots C-PIC\check{I}C-$, $C\check{I}P\epsilon C-$
 $P\ddot{e}C\check{H}PsP_{N\ddot{e}}C\epsilon P \gg P\ddot{e}$ $P\ddot{e}C-PrPiPsC, PsPIPeC\acute{r}$ $C\%PsPrPs$ $P \pm P_{\mu}P \cdot P\ddot{e}P_{\mu}C\check{I}PSPsPiPsB$
 $P \cdot P^{\circ}C\acute{r}C, PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\check{I}$ $P \gg C-PeP^{\circ}C\check{H}C\acute{r}CH\check{H}PePsPiPs$ $P \cdot P^{\circ}C\acute{r}PsP \pm C\acute{r}$. $P'P_jC-C\acute{r}C$,
 $C, P \gg P^{\circ}PePsPSP^{\circ}$ $P \cdot PSP^{\circ}C \dots PsPrP\ddot{e}C, CHC\acute{r}C\check{I}$ $P\ddot{e}C-Pr$ $PIC-Pr\check{H}^{\text{TM}}C''P_jPSP\ddot{e}P_j$
 $C, P\ddot{e}C\acute{r}PePsP_j$ $PrP \gg C\check{I}$ $P \cdot P_jP_{\mu}PSC\epsilon P_{\mu}PSPSC\check{I}$ $C\acute{r}C, PIPsC\check{H}P_{\mu}PSPSC\check{I}$ $P^{\circ}P_{\mu}C\check{H}PsP \cdot PsP \gg CH$
 $P\ddot{e}C\check{H}P\ddot{e}$ $PIC-PrPSPsPIP \gg P_{\mu}PSPSC-$ $C\check{H}PsP \cdot C\check{I}P\ddot{e}PSC\acute{r}$, $C, PsP_jC\acute{r}$ $C\acute{r}P \gg C-Pr$
 $PrPsC, C\check{H}P\ddot{e}P_jC\acute{r}PIP^{\circ}C, P\ddot{e}C\acute{r}C\check{I}$ $PsC\acute{r}PsP \pm P \gg P\ddot{e}PIPSC-$ $PsP \pm P_{\mu}C\check{H}P_{\mu}P\check{I}PSPsC\acute{r}C, C-$
 $P\ddot{e}C\check{H}P\ddot{e}$ $PIPIP_{\mu}PrP_{\mu}PSPSC-$ $PiPsP \gg PeP\ddot{e}$. $P\check{Y}P \gg C-Pr$ $C\acute{r}PSP\ddot{e}PeP^{\circ}C, P\ddot{e}$ $PIPrP\ddot{e}C \dots P^{\circ}PSPSC\check{I}$
 $P^{\circ}P_{\mu}C\check{H}PsP \cdot PsP \gg CH$, $C\%Ps$ $C\acute{r}C, PIPsC\check{H}CHC''C, CHC\acute{r}C\check{I}$ $P\ddot{e}C\check{H}P\ddot{e}$
 $PIC-PrPSPsPIP \gg P_{\mu}PSPSC-$ $C\check{H}PsP \cdot C\check{I}P\ddot{e}PSC\acute{r}$.

$P_{\mu}C\check{H}P\ddot{e}$ $P \cdot P^{\circ}C\acute{r}C, PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC-$ $PrPsPeC\acute{r}PsC\check{H}C\acute{r}P \pm C-C\check{I}P\ddot{e}PSC\acute{r}$ $C\acute{r}P \gg C-Pr$
 $PrPsC, C\check{H}P\ddot{e}P_jC\acute{r}PIP^{\circ}C, P\ddot{e}C\acute{r}C\check{I}$ $C, P^{\circ}PeP\ddot{e}C \dots C-PSC\acute{r}C, C\check{H}C\acute{r}PeC\check{I}C-P_{N\ddot{e}}$.

P_{\mu}C\check{H}P\ddot{e}PiPsC, C\acute{z}PIP^{\circ}PSPSC\check{I}:

- $P\ddot{e}C, PsC\acute{r}C, P^{\circ}C, P\ddot{e}PeP\ddot{e}$ $P\ddot{e}C-PrPiPsC, PsPIP \gg CHCHC, CHC\acute{r}C\check{I}$ $PrP \gg C\check{I}$
 $P \cdot P^{\circ}C\acute{r}C, PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\check{I}$ $C, C-P \gg CH\check{H}PeP\ddot{e}$ $P\ddot{e}P_{\mu}C\check{H}C\acute{r}PsPSP^{\circ}P \gg PsP_j$, $C\check{I}P\epsilon P\ddot{e}P_{N\ddot{e}}$
 $P\ddot{e}C\check{H}PsP_{N\ddot{e}}C\epsilon PsPI$ $PSP^{\circ}PIC\check{I}P^{\circ}PSPSC\check{I}$ $C\%PsPrPs$ $P \pm P_{\mu}P \cdot P\ddot{e}P_{\mu}C\check{I}PSPsPiPs$
 $P\ddot{e}PsPIPSPPrP\check{I}P_{\mu}PSPSC\check{I}$ $P \cdot C, P^{\circ}PeP\ddot{e}P_jP\ddot{e}$ $P \gg C-PeP^{\circ}C\check{H}C\acute{r}CH\check{H}PeP\ddot{e}P_jP\ddot{e}$ $P \cdot P^{\circ}C\acute{r}PsP \pm P^{\circ}P_jP\ddot{e}$.
 $P_{\mu}P_{\mu}C\check{H}P_{\mu}Pr$ $P\ddot{e}PsC\check{I}P^{\circ}C, PePsP_j$ $C\check{H}PsP \pm PsC, P\ddot{e}B$ $C\acute{r}P \gg C-Pr$ $PsP \cdot PSP^{\circ}P_{N\ddot{e}}PsP_jP\ddot{e}C, P\ddot{e}C\acute{r}C\check{I}$ $P \cdot$
 $PIC-PrP\ddot{e}PsPIC-PrPSP\ddot{e}P_jP\ddot{e}$ $C\check{I}P\ddot{e}PSPSP\ddot{e}P_jP\ddot{e}$ $PSP^{\circ}C\acute{r}C, P^{\circ}PSPsPIP^{\circ}P_jP\ddot{e}$.
- $P'P^{\circ}PiC-C, PSP\ddot{e}C \dots P\check{I}C-PSPsPe$ PSP_{μ} $C\acute{r}P \gg C-Pr$ $PrPsP\ddot{e}C\acute{r}C\acute{r}PeP^{\circ}C, P\ddot{e}$ $PrPs$ $C\check{H}PsP \pm PsC, P\ddot{e}$ P
 $C\check{I}P\ddot{e}P_j$ $P \gg C-PeP^{\circ}C\check{H}C\acute{r}CH\check{H}PeP\ddot{e}P_j$ $P \cdot P^{\circ}C\acute{r}PsP \pm PsP_j$.
- $P_{\mu}P_{\mu}C\check{H}C\acute{r}PsPSP^{\circ}P \gg$, $C\check{I}P\epsilon P\ddot{e}P_{N\ddot{e}}$ $P\ddot{e}C\check{H}P^{\circ}C\check{I}CHC''$ $P \cdot PrPsPeC\acute{r}PsC\check{H}C\acute{r}P \pm C-C\check{I}P\ddot{e}PSPsP_j$,
 $P\ddot{e}PsPIP\ddot{e}PSP_{\mu}PS$ $PIP\ddot{e}PePsC\check{H}P\ddot{e}C\acute{r}C, PsPIC\acute{r}PIP^{\circ}C, P\ddot{e}$ $P \cdot P^{\circ}C \dots P\ddot{e}C\acute{r}PSP\ddot{e}P_{N\ddot{e}}$ $PsPrC\check{I}Pi$:
 $PsPeC\acute{r}P \gg C\check{I}C\check{H}P\ddot{e}$, $C \dots P^{\circ}P \gg P^{\circ}C, PsPrPSPsC\check{H}P^{\circ}P \cdot PsPIC-$ $C\check{H}C\acute{r}PeP^{\circ}PIP\ddot{e}C\check{I}PeP\ddot{e}$ $C-$
 $P_jP^{\circ}C\acute{r}PeP\ddot{e}$.
- $P''P \gg C\check{I}$ $C\check{H}PsP \cdot C\check{I}P\ddot{e}PSP_{\mu}PSPSC\check{I}$ $P\ddot{e}C\check{H}P_{\mu}P\ddot{e}P^{\circ}C\check{H}P^{\circ}C, C\acute{r}$ $C\acute{r}P \gg C-Pr$
 $PIP\ddot{e}PePsC\check{H}P\ddot{e}C\acute{r}C, PsPIC\acute{r}PIP^{\circ}C, P\ddot{e}$ $PIC-PrP\ddot{e}PsPIC-PrPSC\acute{r}$ $P \cdot PsPSC\acute{r}$ $(PeC\check{H}P^{\circ}C\%P_{\mu}$ $P\ddot{e}C-Pr$
 $P \gg P^{\circ}P_jC-PSP^{\circ}C\check{H}PSP\ddot{e}P_j$ $P\ddot{e}PsC, PsPePsP_j$ $P\ddot{e}PsPIC-C, C\check{H}C\check{I})$. P $PsP \pm PsC\check{I}C\acute{r}$
 $P\ddot{e}PsPIP_{\mu}C\check{H}C \dots PSP_{\mu}PsP \pm C \dots C-PrPSPs$ $PIP\ddot{e}C\check{H}P\ddot{e}C, P\ddot{e}$ $PsPrPSPsC\check{H}P^{\circ}P \cdot PsPIP\ddot{e}P_j$
 $P^{\circ}P \pm C\acute{r}PsC\check{H}P \pm C\acute{r}CHC\check{I}P\ddot{e}P_j$ $P\ddot{e}P\ddot{e}P_{\mu}C\check{H}PsP_jB$ $C-P$ $P\ddot{e}P \gg P^{\circ}C\acute{r}C, P\ddot{e}PePsPIPSC\check{H}$
 $PsC\acute{r}PSPsPIPSC\check{H}$.
- $P'C\acute{r}C-$ $P_jP^{\circ}C, P_{\mu}C\check{H}C-P^{\circ}P \gg P\ddot{e}$, $C\%Ps$ $PIP\ddot{e}PePsC\check{H}P\ddot{e}C\acute{r}C, PsPIC\acute{r}CHC, CHC\acute{r}C\check{I}$ $PrP \gg C\check{I}$
 $C\check{H}PsP \cdot C\check{I}P\ddot{e}PSP_{\mu}PSPSC\check{I}$, $PIPIP_{\mu}PrP_{\mu}PSPSC\check{I}$ $P^{\circ}P \pm Ps$ $P\ddot{e}C\check{H}P\ddot{e}P \pm P\ddot{e}C\check{H}P^{\circ}PSPSC\check{I}$,
 $PIP\ddot{e}P \gg CHC\check{I}P^{\circ}CHC\check{I}P\ddot{e}$ $C\check{H}C\acute{r}PeP^{\circ}PIP\ddot{e}C\check{I}PeP\ddot{e}$, $C\acute{r}P \gg C-Pr$ $P \cdot C-P \pm C\check{H}P^{\circ}C, P\ddot{e}$ PI $P\ddot{e}P\ddot{e}P_{\mu}C, P\ddot{e}$,
 $P\ddot{e}C\check{H}P\ddot{e}P \cdot PSP^{\circ}C\check{I}P_{\mu}PSC-$ $PrP \gg C\check{I}$ $PIP\ddot{e}C\acute{r}PsPePsC, PsPeC\acute{r}P\ddot{e}C\check{I}PSP\ddot{e}C \dots PIC-PrC \dots PsPrC-PI$, P
 $P_jP_{\mu}C, PsCH$ $P\ddot{e}PsPrP^{\circ}P \gg CHC\epsilon PsC-$ $PIP\ddot{e}C\acute{r}PsPePsC, P_{\mu}P_jP\ddot{e}P_{\mu}C\check{H}P^{\circ}C, C\acute{r}C\check{H}PSPsC-$
 $C\acute{r}C, P\ddot{e}P \gg C-P \cdot P^{\circ}C\check{I}C-C-$ (700 °P).

6. P—P°PIP¶PrPë PSPµPsP±C...C-PrPSPs PjPëC, Pë CḡCṛPePë PīC-ĆṛP»Cḷ P·PSCḷC,C,Cḷ CḡCṛPeP°PIPëC‡PsPe.

P—P°P±CḡCṛPrPSPµPSPSCḷ:

1. Pj CḡP°P·C- PePsPSC,P°PeC,Cṛ PīCḡPµPīP°CḡP°C,Cṛ P·C- CēPeC-CḡPsCḡ P·P°P±CḡCṛPrPSPµPSCṛ PrC-P»CḷPSPeCṛ CṛP»C-Pr CḡPµC,PµP»CHbPSPs PīCḡPsPjPëC,PëB PIPsPrPsCḡ P· PjPëP»PsPj P°P±Ps CḡPsP·C‡PëPSPsPj PSP°C,CḡC-Cḡ P±C-PeP°CḡP±PsPSP°C,Cṛ. PhPrPSP°Pe PīCḡPë C‡CHbPsPjCṛ PSPµ CṛP»C-Pr PIPëPePsCḡPëCṛC,PsPICṛPIP°C,Pë C%oC-C,PeCṛ. Pḡḡḡ™ CḷPePëPNë PeCḡPµPj PjPsP¶PSP° PIPëPePsCḡPëCṛC,PsPICṛPIP°C,Pë PrP»Cḷ P»C-PeCṛPIP°PSPSCḷ C,CḡP°PSP·PëC,PsCḡPSPsPiPs CṛPIPµCḡP±PµP¶Cṛ CēPeC-CḡPë.
2. Pj CḡP°P·C- PePsPSC,P°PeC,Cṛ P»C-PeP°CḡCṛCHbPePsPiPs P·P°CṛPsP±Cṛ P· PsC‡PëPjP° CṛP»C-Pr PīCḡPsPjPëC,Pë PsPePs (PsC‡C-), PīCḡPëC,CḡPëPjCṛCḡC‡Pë PīPsPIC-PePë, PIPµP»PëPePsCḡ PeC-P»CHbPeC-CṛC,Cḡ PIPsPrPë C%oPsPSP°PNëPjPµPSCēPµ PīCḡPsC,CḷPiPsPj 15 C...PIPëP»PëPS P°P±Ps P·PIPëC‡P°PNëPSPëPj CḡPsP·C‡PëPSPsPj PSP°C,CḡC-Cḡ C...P»PsCḡPëPrCṛ PrP»Cḷ C-PSḡḡ™ C''PeC‡C-PNë 9 PjPi/PjP» (0,9 %). PµPsC,C-Pj PSPµPsP±C...C-PrPSPs P·PIPµCḡPSCṛC,PëCṛCḷ PrPs P»C-PeP°CḡCḷ.
3. P PsP·C‡PëPS, C%oPs PIPëC,C-Pe P°P±Ps P±CṛPI CḡPsP·P»PëC,PëPNë, CṛP»C-Pr CḡPsP·PIPµCṛC,Pë CḡPsP·C‡PëPSPsPj PSP°C,CḡC-Cḡ C...P»PsCḡPëPrCṛ P· 1 % P°PeC,PëPIPSPsPiPs C...P»PsCḡCṛ P°P±Ps C,,PsCṛC,,P°C,PSPëPj P±CṛC,,PµCḡPsPj (pH>8) PrPs P·PSPµP±P°CḡPIP»PµPSPSCḷ CḡPsP·C‡PëPSCṛ. P'PëPePsCḡPëCṛC,PsPICṛPIP°C,Pë C,PeP°PSPëPSCṛ/PiCṛP±PeCṛ, C%oPs P·P±PµCḡC-PiP°C''C,CHCṛCḷ Cṛ PIPeP°P·P°PSPsPjCṛ PjC-CṛC‡C-. PµCḡPsPjPëC,Pë PrPIP° CḡP°P·Pë PIPsPrPsCḡ. PµPsPeP»P°CṛC,Pë PICṛC- C,PeP°PSPëPSPë Cṛ PīP»P°CṛC,PëPePsPIPëPNë PīP°PePµC, C- PiPµCḡPjPµC,PëC‡PSPsB P·P°PeCḡPëC,Pë PrP»Cḷ CṛPīP°P»CḡPIP°PSPSCḷ.

PjC,PëP»C-P·P°C‡C-Cḷ:

PµCḡPµPīP°CḡP°C, PīCḡPëP·PSP°C‡PµPSPëPNë C,C-P»CHbPePë PrP»Cḷ PsPrPSPsCḡP°P·PsPIPsPiPs PIPëPePsCḡPëCṛC,P°PSPSCḷ. P'CṛPrCHb-CḷPePëPNë PSPµPIPëPePsCḡPëCṛC,P°PSPëPNë PīCḡPsPrCṛPeC, P°P±Ps PIC-PrC...PsPrPë PSPµPsP±C...C-PrPSPs CṛC,PëP»C-P·CṛPIP°C,Pë PIC-PrPīPsPIC-PrPSPs PrPs PjC-CṛC‡PµPIPëC... PIPëPjPsPi. PŸP»C-Pr PrPsC,CḡPëPjCṛPIP°C,PëCṛCḷ C-PSCṛC,CḡCṛPeC‡C-C— PrP»Cḷ CḡPsP±PsC,Pë P· C‡PëC,PsCṛC,P°C,PëC‡PSPëPjPë P»C-PeP°CḡCṛCHbPePëPjPë P·P°CṛPsP±P°PjPë.

P'P·P°C''PjPsPrC-Cḷ P· C-PSCēPëPjPë P»C-PeP°CḡCṛCHbPePëPjPë P·P°CṛPsP±P°PjPë C,P° C-PSCēC- PIPëPrPë PIP·P°C''PjPsPrC-PNë.

P''PsPeCṛPsCḡCṛP±C-C‡PëPS P·P°CṛC,PsCṛPsPICṛCḡC,CH PīPµCḡPµPIP°P¶PSPs Cṛ PePsPjP±C-PSP°C‡C-C— P· C-PSCēPëPjPë C‡PëC,PsC,PsPeCṛPëC‡PSPëPjPë PīCḡPµPīP°CḡP°C,P°PjPë. PḡPsP¶Pµ PIC-PrP±CṛPIP°C,PëCṛCḷ P°PrPëC,PëPIPSPëPNë PµC,,PµPeC, C,PsPeCṛPëC‡PSPsCṛC,C-, PsCṛPsP±P»PëIPs C%oPsPrPs PIPīP»PëPICṛ PSP° PeC-CṛC,PePsPIPëPNë PjPsP·PsPe/PiPµPjP°C,PsP»PsPiC-Cḡ C,P° CēP»CṛSPePsPIPs- PePëCēPePsPIPëPNë C,CḡP°PeC,, PµCḡPë P·P°CṛC,PsCṛCṛPIP°PSPSC- PrPsPeCṛPsCḡCṛP±C-C‡PëPSCṛ Cṛ PePsPjP±C-PSPsPIP°PSC-PNë C...C-PjC-PsC,PµCḡP°PīC-C— P· C-PSCēPëPjPë PīPsC,PµPSC‡C-PNëPSPs PeP°CḡPrC-PsC,PsPeCṛPëC‡PSPëPjPë

СГРiPcP»CpPcPjPë P°P±Ps Cр PеPcPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë
PïCтPµPïP°CтP°C,P°PjPë, C%Ps PIPiP»PëPIP°CтC,CH PSP° CГPµCтC†Pµ (PSP°PïCтPëPеP»P°Pr,
P±P»PsPеP°C,PcCтP°PjPë PеP°P»CHC†C-C”PIPëC... PеP°PSP°P»C-PI C-
PIPµCтP°PïP°PjC-P»PsPj), Cр PïPµCтC-PsPr P»C-PeCpPIP°PSPSC¶ PSPµPsP±C...C-PrPSPs
PеPcPSC,CтPcP»CтPIP°C,Pë C,,CpPSPeC†C-Cт CГPµCтC†C¶. PһP°PеCГPëPjP°P»CHPSP°
PеPcPSC†PµPSC,CтP°C†C-C¶ PrPsPеCГPcCтCpP±C-C†PëPSCp Cр PïP»P°P·PjC- PеCтPcPIC-,
C,PµCтPjC-PSP°P»CHPSPëP№ PïPµCтC-PsPr PSP°PïC-PIPIPëPIPµPrPµPSPSC¶ C- PsP±Bт™C”Pj
CтPcP·PïPsPrC-P»Cp PjPsP¶CpC,CH P·P±C-P»CHC€CpPIP°C,PëCГC¶ PïCтPë
PsPrPSPc†P°CГPSPcPjCp P·P°CГC,PcCГCpPIP°PSPSC- PIPµCтP°PïP°PjC-P»Cp. P—PjC-PSPë
C,,CpPSPeC†C-P№ PïPµC†C-PSPePë PIPSP°CГP»C-PrPsPе CГCpPïCpC,PSCнPsPiPs
P»C-PeCpPIP°PSPSC¶ PjPsP¶CpC,CH P·PjC-PSCнPIP°C,Pë PjPµC,P°P±PsP»C-P·Pj C,P°
C,,P°CтPjP°PеPcPеC-PSPµC,PëPеCp PrPsPеCГPcCтCpP±C-C†PëPSCp, C,PµCтP°PïPµPIC,PëC†PSCp
PµC,,PµPеC,PëPIPSC-CГC,CH C,P°/P°P±Ps C,PcPеCГPëC†PSC-CГC,CH. PµCтPë
P·P°CГC,PcCГCpPIP°PSPSC- PrPsPеCГPcCтCpP±C-C†PëPSCp PïC-CГP»C¶ P°P±Ps Cр
PïPsC”PrPSP°PSPSC- P· C-PSC€PëPjPë PеP°CтPpC-PsC,PcPеCГPëC†PSPëPjPë P°P±Ps
PïCтPcP,PëPïCpC...P»PëPSPSPëPjPë (PsCГPsP±P»PëPIPs PjC-C”P»PsC,PcPеCГPëC†PSPëPjPë)
PïCтPµPïP°CтP°C,P°PjPë PSPµPsP±C...C-PrPSP° PsP±PµCтPµP¶PSC-CГC,CH.
PһPrPSPc†P°CГPSPµ P·P°CГC,PcCГCpPIP°PSPSC¶ C-PSC€PëC...
PïCтPcP,PëPïCpC...P»PëPSPSPëC... PïCтPµPïP°CтP°C,C-PI, C,P°PеPëC... C¶Pе
P°PSC,CтP°C†PëPеP»C-PSPë (PrP°CpPSPcCтCpP±C-C†PëPS, PµPïC-CтCpP±C-C†PëPS,
C-PrP°CтCpP±C-C†PëPS), C†PëCГPïP»P°C,PëPS, C†PëPеP»PsC,,PsCГC,,P°PjC-Pr,
C†PëPеP»PsCГPïPsCтPëPS, C†PëC,P°CтP°P±C-PS, PrP°PеP°CтP±P°P·PëPS,
PrP°PеC,PëPSPsPjC-C†PëPS, PïP°PеP»C-C,P°PеCГPµP», 5-C,,C,PcCтCpCтP°C†PëP»,
PjC-C,PcPjC-C†PëPS PŸ C- C,P°PеCГP°PSPë, PïPsCГPëP»CтC” CтPëP·PëPе
CГPïCтPëC†PëPSPµPSPc— PrPsPеCГPcCтCpP±C-C†PëPSPsPj P·P°CГC,C-P№PSPc—
CГPµCтC†PµPIPsC— PSPµPrPsCГC,P°C,PSPcCГC,C-. PµCтPµPïP°CтP°C,Pë PSPµ PjPsP¶PSP°
P·PjC-C€CpPIP°C,Pë PI PsPrPSPcPjCp C€PïCтPëC†C-.

PһP»PsP·P°PïC-PS P·P±C-P»CHC€CpC” CтPëP·PëPе C- CГPµCтPµP№PsP·PSC-CГC,CH
PïPµPjP°C,PcP»PsPiC-C†PSPc— C,PcPеCГPëC†PSPcCГC,C- PrPsPеCГPcCтCpP±C-C†PëPSCp.

PïPеC%Ps C,PµCтP°PïC-C¶ C-P· P·P°CГC,PcCГCpPIP°PSPSC¶Pj PrPsPеCГPcCтCpP±C-C†PëPSCp
PïCтPcPPIPcPrPëC,CHCГC¶ PïC-CГP»C¶ P»C-PeCpPIP°PSPSC¶ C-P·
P·P°CГC,PcCГCpPIP°PSPSC¶Pj C†PëPеP»PsC,,PsCГC,,P°PjC-PrCp, C†Pµ PjPsP¶Pµ PSPµ
C,C-P»CHPеPë P·P±C-P»CHC€PëC,Pë PеP°CтPpC-PsC,PcPеCГPëC†PSPëP№ PµC,,PµPеC,, P°P»Pµ
P№ P·P°PïPsCГC,CтPëC,Pë PïPµPjPsCтP°PïC-C†PSPëP№ C†PëCГC,PëC.,

PһCГPеC-P»CHPеPë PrPsPеCГPcCтCpP±C-C†PëPS C€PIPëPrPеPs
PjPµC,P°P±PsP»C-P·CpC”C,CHCГC¶ C- PIPëPIPsPrPëC,CHCГC¶ PïPµCтPµPïP°P¶PSPs P·
P¶PsPIC†Cт, PïCтPë PsPrPSPc†P°CГPSPcPjCp P·P°CГC,PcCГCpPIP°PSPSC-
PïPµPïP°C,PcC,PcPеCГPëC†PSPëC... C...C-PjC-PsC,PµCтP°PïPµPIC,PëC†PSPëC... P·P°CГPcP±C-PI
(PSP°PïCтPëPеP»P°Pr, 6-PjPµCтPëP°PïC,PcPïCpCтPëPSCp, PjPµC,PcC,CтPµPеCГP°C,Cp,
CГC,CтPµPïC,PcP·PsC†PëPSCp) C,PcPеCГPëC†PSC-CГC,CH PrPsPеCГPcCтCpP±C-C†PëPSCp
PjPsP¶Pµ P·P±C-P»CHC€CpPIP°C,PëCГC¶ PIPSP°CГP»C-PrPsPе P·PSPëP¶PµPSPSC¶
PïPµC†C-PSPePsPIPcPiPs PеP»C-CтPµPSCГCp PïCтPµPïP°CтP°C,Cp. P”PsP·CpPIP°PSPSC¶
PrPsPеCГPcCтCpP±C-C†PëPSCp CГP»C-Pr PеPcCтPëPïCpPIP°C,Pë, C¶PеC%Ps CГCpPïCpC,PSC¶
C,PµCтP°PïC-C¶ PïPµPïP°C,PcC,PcPеCГPëC†PSPëPjPë P»C-PeP°CтCГCHPеPëPjPë
P·P°CГPsP±P°PjPë C” PsP±PsPIBт™C¶P·PеPcPIPsCт.

PµCтPë PеPcPjP±C-PSPsPIP°PSC-P№ C,PµCтP°PïC-C— C†PëPеP»PsCГPïPsCтPëPSPsPj Cр
PIPëCГPcPеPëC... PrPsP·P°C... C- PrPsPеCГPcCтCpP±C-C†PëPSPsPj
PеPcPSC†PµPSC,CтP°C†C-C¶ PsP±PsC... CГPïPsP»CpPе Cр CГPëCтPcPPIP°C,C†C- PеCтPcPIC-

PiC-PrPIPëC%oCrC"C,CHCfCfCf. PñPsPjP±C-PSPsPIP°PSP° C,PμCfP°PiC-Cf
C†PëPeP»PsCfPiPsCfPëPSPsPj C- PrPsPeCfPsCfCrP±C-C†PëPSPsPj PjPsP¶Pμ
PiCfPëP·PIPμCfC,Pë PrPs PIP·P°C"PjPSPsPiPs P·PSPëP¶PμPSPSCf PjPμC,P°P±PsP»C-P·PjCr C-
PeP»C-CfPμPSCfCr Ps±PsC... CfPμC†PsPIPëPS C-P· PiPsCfP»C-PrPsPIPSPëPj
P·P±C-P»CHC€PμPSPSCfPj C-C... PIPjC-CfC,Cr Cr PeCfPsPIC-. P¶Pμ PjPsP¶Pμ
CfPiCfPëC†PëPSPëC,Pë P±C-P»CHC€ PIPëCfP°P¶PμPSPμ PiCfPëPiPSC-C†PμPSPSCf
C,,CrPSPeC†C-C— PeC-CfC,PePsIPsPiPs PjPsP·PeCr C,P° PSP°PrPjC-CfPSCf
C-PjCrPSPsCfCrPiCfPμCfC-Cf.

P—P°CfC,PsCfCrPIP°PSPSCf CfP°P·PsPj C-P· PiCfPμPiP°CfP°C,P°PjPë, CfPeC-
PIPiP»PëPIP°CfC,CH PSP° PjC-C"P»PsC—PrPSCf C,,CrPSPeC†C-Cf (Cr C, .C†.
P°PSC,PëCfPμC,CfPs-PIC-CfCrCfPSC- PiCfPμPiP°CfP°C,Pë, P°PjC-PsPrP°CfPsPS,
C,,PμPSC-C,PsC—PS, C†PëC,PsCfC,P°C,PëPePë, CfCrP»CHC,,PsPSC-P»P°PjC-PrPë,
PiPsC...C-PrPSC- P°PjC-PrPsPiC-CfPëPSCf, C...P»PsCfP°PjC,,PμPSC-PePsP»), PjPsP¶Pμ
CfPiCfPëC†PëPSPëC,Pë PiPsCfCrC€PμPSPSCf C,,CrPSPeC†C-C—
PeCfPsIPsC,PIPSCfPμPSPSCf. Pj CfP°P·C- PSPμPsP±C...C-PrPSPsCfC,C-
PrPsP·CrPIP°PSPSCf PrPsPeCfPsCfCrP±C-C†PëPSCf CfP»C-Pr CfPePsCfPëPiCrPIP°C,Pë.
PÿPsPeCfPëC†PSC- PμC,,PμPeC,Pë, CfPiCfPëC†PëPSPμPSC- C,PμCfP°PiC-C"Cf C-P·
P·P°CfC,PsCfCrPIP°PSPSCfPj PrPsPeCfPsCfCrP±C-C†PëPSCf, PjPsP¶CfC,CH
P·CfPsCfC,P°C,Pë PI CfP°P·C- PñPsPiPs P·P°CfC,PsCfCrPIP°PSPSCf Cr
PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë C†PëC,PsCfC,P°C,PëPeP°PjPë (C,P°PePëPjPë CfPe
C†PëC,P°CfP°P±C-PS, C†PëCfPiP»P°C,PëPS, C†PëPeP»PsC,,PsCfC,,P°PjC-Pr).

PμCfPë PePsPjP±C-PSPsPIP°PSC-Pñ C,PμCfP°PiC-C— PrPsPeCfPsCfCrP±C-C†PëPSPsPj C-
C†PëC,PsCfC,P°C,PëPeP°PjPë (Cr C, . C†. C†PëC,P°CfP°P±C-PSPsPj, C†PëCfPiP»P°C,PëPSPsPj)
PiPsCfPëP»CfCfC,CHCfCfCf C,PsPeCfPëC†PSC- PμC,,PμPeC,Pë PSP° PsCfPiP°PSC-P·Pj
PiP°C†C-C"PSC,P°.

PÿP»C-Pr CrPSPëPeP°C,Pë PePsPjP±C-PSP°C†C-C— PrPsPeCfPsCfCrP±C-C†PëPSCf P·
P°PjC,,PsC,PμCfPëC†PëPSPsPj P' C†PμCfPμP· PIPëPSPëPePSPμPSPSCf CfCfPeCfP°PIPs
PIPëCfP°P¶PμPSPsC— PSPμC,,CfPsC,PsPeCfPëC†PSPsCfC,C-.

PμCfPë P·P°CfC,PsCfCrPIP°PSPSC- PrPsPeCfPsCfCrP±C-C†PëPSCf CfP°P·PsPj P·
CfPëC,PsPSP°PIC-CfPsPj PiPsPIC-PrPsPjP»CfP»PsCfCf PiCfPs PiC-PrPIPëC%oPμPSPSCf
CfC-PIPSCf PrPsPeCfPsCfCrP±C-C†PëPSCfB PI CfPëCfPsPIP°C,C†C- PeCfPsPIC-.

P—P°CfC,PsCfCrPIP°PSPSCf P±P°CfP±C-C,CrCfP°C,C-PI PjPsP¶Pμ PiCfPëP·PIPμCfC,Pë PrPs
PiCfPëCfPePsCfPμPSPsPiPs PIPëPiPμPrPμPSPSCf PrPsPeCfPsCfCrP±C-C†PëPSCf P·
PiP»P°P·PjPë PeCfPsPIC-.

PñP±CfPsCfP±C†C-Cf PiCfPsC,PëPμPiC-P»PμPiC,PëC†PSPëC... P·P°CfPsP±C-PI
(PSP°PiCfPëPeP»P°Pr, PeP°CfP±P°PjP°P·PμPiC-PSCf, C,,PμPSC-C,PsC—PSCf,
PIP°P»CHPiCfPsP°C,Cr) P·PSPëP¶CfC"C,CHCfCfCf PiC-CfP»Cf PsPrPSPsC†P°CfPSPsPiPs
P·P°CfC,PsCfCrPIP°PSPSCf PrPsPeCfPsCfCrP±C-C†PëPSCf.

P—P°CfC,PsCfCrPIP°PSPSCf P»C-PeP°CfCfCHPePëC... P·P°CfPsP±C-PI, CfPeC-
P·P°C,CfPëPjCrCfC,CH PIPëPiPμPrPμPSPSCf CfPμC†PsIPsC— PePëCfP»PsC,Pë
(PSP°PiCfPëPeP»P°Pr, CfCrP»CHC,,P°PSC-P»P°PjC-PrC-PI C,P° PrPμCfPePëC...
PrC-CrCfPμC,PëPeC-PI) PjPsP¶Pμ PiCfPëP·PIPμCfC,Pë PrPs PiC-PiPμCfCrCfPëPePμPjC-C—.
P>C-PeCfPIP°PSPSCf C-P· P·P°CfC,PsCfCrPIP°PSPSCfPj PrPsPeCfPsCfCrP±C-C†PëPSCf
PjPsP¶Pμ PiCfPëP·PIPμCfC,Pë PrPs P·P±C-P»CHC€PμPSPSCf CfC-PIPSCf CfPμC†PsIPsC—
PePëCfP»PsC,Pë Cr PiP»P°P·PjC- PeCfPsPIC-. PÿP°PePëPj C†PëPSPsPj, PjPsP¶Pμ

PIPëPSPëPePSCrC, Pë PSPµPsP±C...C-PrPSC-CrC, CH Cr PePsCḡPëPiCrPIP°PSPSC- PrPsP·Pë
P»C-PeP°CḡCrCHPePëC... P·P°CrPsP±C-PI, CµPeC- P·PSPëP¶CrCḡC, CH CḡC-PIPµPSCḡ
CrPµC‡PsPIPsC— PePëCrP»PsC, Pë.

P"PsPeCrPsCḡCrP±C-C‡PëPS PjPsP¶Pµ P·PSPëP·PëC, Pë
P±C-PsPrPsCrC, CrPiPSC-CrC, CH PiCḡPë PiPµCḡPsCḡP°P»CHPSPsPjCr
PiCḡPëPNµPsPjC- PrPëPiPsPeCrPëPSCr. PÿPsPjCr CrP»C-Pr CḡPµPiCrP»CµCḡPSPs
PePsPSC, CḡPsP»CḡPIP°C, Pë CḡC-PIPµPSCḡ PrPëPiPsPeCrPëPSCr Cr PiP»P°P·PjC-
PeCḡPsPIC- PiC-Pr C‡P°Cr C, PµCḡP°PiC-C— PrPsPeCrPsCḡCrP±C-C‡PëPSPsPj.

PµC-Pr C‡P°Cr P»C-PeCrPIP°PSPSCµ C-P· P·P°CrC, PsCrCrPIP°PSPSCµPj
PrPsPeCrPsCḡCrP±C-C‡PëPSCr PiC-PrCḡPsC...P»PsCḡPëPrCr PiP°C‡C-C"°PSC, P°Pj PSPµ
CrP»C-Pr PiCḡPsPIPsPrPëC, Pë PIP°PeC‡PëPSP°C‡C-Cḡ. P PëP·PëPe
P·P±C-P»CHC€CrC"C, CHCrCµ Cr PiP°C‡C-C"°PSC, C-PI P· C-PjCrPSC-C, PµC, PsPj,
PsCrP»P°P±P»PµPSPëPj C‡PµCḡPµP· PsCrPSPsPIPsPµ P·P°C...PIPsCḡCḡPIP°PSPSCµ.
PµC-Pr C‡P°Cr P»C-PeCrPIP°PSPSCµ PrPsPeCrPsCḡCrP±C-C‡PëPSPsPj
PiP°C‡C-C"°PSC, Pë PjP°CḡC, CH C, P°PePsP¶ CrPSPëPeP°C, Pë PePsPSC, P°PeC, Cr P·
PsCrPsP±P°PjPë, CµPePëPj PSPµC%PsPrP°PIPsPs P±CrP»Ps PiCḡPsPIPµPrPµPSPs
C%PµPiP»PµPSPSCµ PiCḡPsC, Pë PiPsP»C-PsPjC-C"°P»C-C, Cr.

P"PsPeCrPsCḡCrP±C-C‡PëPS P·PIBḡ™ CµP·CrC"C, CHCrCµ P· PiPµPiP°CḡPëPSPsPj C, P° 5-
C,,C, PsCḡCrCḡP°C‡PëP»PsPj, C%Ps PiCḡPëP·PIPsPrPëC, CH PrPs PIPëPiP°PrP°PSPSCµ
PsCrP°PrCr C, P° PIC, CḡP°C, Pë PµC,, PµPeC, PëPIPsPsCrC, C- PsP±PsC... PiCḡPµPiP°CḡP°C, C-PI.

P"PsPeCrPsCḡCrP±C-C‡PëPS PjPµC, P°P±PsP»C-P·CrC"C, CHCrCµ P· CrC‡P°CrC, CH
C‡PëC, PsC...CḡPsPjC-PI P450 CYP3A4 C- CYP2D6, P° C, P°PePsP¶ P-
PiP»C-PePsPiCḡPsC, PµC—PSCr (P-gp). P'C-PrP·PSP°C‡P°CḡC, CH PeP»C-PSC-C‡PSPs
P·PSP°C‡CrC%C- PiCḡPsCµPIPë PIP·P°C"PjPsPrC-C— P· C-PSPiC-P±C-C, PsCḡP°PjPë CYP3A4,
CYP2D6, C, P°/P°P±Ps P-gp (PSP°PiCḡPëPeP»P°Pr, C-P· PIPµCḡP°PiP°PjC-P»PsPj), C%Ps
PiCḡPëP·PIPsPrPëC, CH PrPs PiC-PrPIPëC%PµPSPSCµ PePsPSC‡PµPSC, CḡP°C‡C-C— C, P°
PeP»C-PSC-C‡PSPsPiPs PµC,, PµPeC, Cr PrPsPeCrPsCḡCrP±C-C‡PëPSCr.
PµPsPSC‡PµPSC, CḡP°C‡C-Cµ PrPsPeCrPsCḡCrP±C-C‡PëPSCr PjPsP¶Pµ
P·PSPëP¶CrPIP°C, PëCrCµ C-PSPrCrPeC, PsCḡP°PjPë CYP3A4 (PSP°PiCḡPëPeP»P°Pr,
C,, PµPSPsP±P°CḡP±C-C, P°P»PsPj, C,, PµPSC-C, PsC—PSPsPj, P·PIC-CḡPsP±PsC"Pj) C, P°
C-PSPrCrPeC, PsCḡP°PjPë P-gp.

P—P°CrC, PsCrCrPIP°PSPSCµ C‡PëPeP»PsCrPiPsCḡPëPSCr P· PrPsPeCrPsCḡCrP±C-C‡PëPSPsPj
PjPsP¶Pµ PiCḡPëP·PIPµCrC, Pë PrPs P·P±C-P»CHC€PµPSPSCµ AUC CµPe PrP»Cµ
PrPsPeCrPsCḡCrP±C-C‡PëPSCr, C, P°Pe C- PrP»Cµ PrPsPeCrPsCḡCrP±C-C‡PëPSPsP»Cr,
C-PjPsPIC-CḡPSPs, C‡PµCḡPµP· P·PSPëP¶PµPSPSCµ PeP»C-CḡPµPSCrCr PIPëC...C-PrPSPsC—
CrCrP±CrC, P°PSC‡C-C— PiCḡPµPiP°CḡP°C, Cr C, P° P·PjPµPSC€PµPSPSCµ
PjPµC, P°P±PsP»C-P·PjCr PrPsPeCrPsCḡCrP±C-C‡PëPSPsP»Cr (PjPsP¶Pµ
PiPsC, CḡPµP±CrPIP°C, PëCrCµ PePsCḡPëPiCrPIP°PSPSCµ PrPsP·Pë).

PµCḡPë PsPrPSPsC‡P°CrPSPsPjCr PIPµPrPµPSPSC- C‡PëPeP»PsCrPiPsCḡPëPSCr
PeP»C-CḡPµPSCr PrPsPeCrPsCḡCrP±C-C‡PëPSCr P·PSPëP¶CrC"C, CHCrCµ
PiCḡPëP±P»PëP·PSPs PSP° 50 %. AUC PrPsPeCrPsCḡCrP±C-C‡PëPSCr
P·P±C-P»CHC€CrC"C, CHCrCµ PSP° 55 %, AUC PrPsPeCrPsCḡCrP±C-C‡PëPSPsP»Cr — 350 %.
P—P° PrPsPiPsPjPsPiPsCḡ C‡C-C"C— PePsPjP±C-PSP°C‡C-C— PjPsP¶PSP° P·PjPµPSC€PëC, Pë
PrPsP·Cr PrPsPeCrPsCḡCrP±C-C‡PëPSCr PSP° 40 %. PiPëPeP»PsCrPiPsCḡPëP
C-PSPiC-P±CrC", C, P°Pe CrP°PjPs CµPe PIPµCḡP°PiP°PjC-P», CYP3A4 C, P° P

PiP»C-PePsPiCḡPsC,PμC—PS, C%Ps PjPsP¶Pμ PiPsCḡCḡPSCḡPIP°C,PēCḡCḡ
PIP·P°C»PjPsPrC-C”ḡ. PḡPμ PiCḡPēP·PIPsPrPēC,ḡ PrPs P·P±C-P»ḡCḡCēPμPSPSCḡ
PIPēCḡP°P¶PμPSPsCḡC,C- PiPsP±C-C‡PSPēC... ḡPμP°PeC†C-PM. PμPsC”PrPSP°PSPSCḡ
C†PēPeP»PsCḡPiPsCḡPēPSCḡ P· PrPsPeCḡPsCḡCḡP±C-C†PēPSPsPj CḡPiCḡPēC‡PēPSPēC,ḡ
P±C-P»ḡCḡCē CḡC,C-PMPeCḡ C- PrPsPIPiPsC,CḡPēPIP°P»Cḡ PiPμPjP°C,PsP»PsPiC-C‡PSCḡ
C,PsPeCḡPēC‡PSC-CḡC,ḡ, PSC-P¶ PiCḡPē P·P°CḡC,PsCḡCḡPIP°PSPSC-
PrPsPeCḡPsCḡCḡP±C-C†PēPSCḡ CḡPe PjPsPSPsC,PμCḡP°PiC-C—. PḡP°PePsP¶ C”
PiPsPIC-PrPsPjP»PμPSPSCḡ PiCḡPs PIPēPiP°PrPePē PePsPjPē C- CḡCḡPrPsPj PiCḡPē
PsPrPSPsC‡P°CḡPSPsPjCḡ PIPiPμPrPμPSPSC- C†PēPeP»PsCḡPiPsCḡPēPSCḡ C-
PrPsPeCḡPsCḡCḡP±C-C†PēPSCḡ.

*P†PSPiC-P±C-C,PsCḡPē C†PēC,PsC...CḡPsPjCḡ P 450 (PSP°PiCḡPēPeP»P°Pr,
C†PēPjPμC,PēPrPēPS) C,P°PePsP¶ P·PSPēP¶CḡCḡC,ḡ PeP»C-CḡPμPSCḡ C-P· PiP»P°P·PjPē
PeCḡPsPIC- C,P° P·P±C-P»ḡCḡCēCḡCḡC,ḡ AUC PrPsPeCḡPsCḡCḡP±C-C†PēPSCḡ,
PjPsP¶P»PēPIPs P·P° C,P°PePēPj CḡP°PjPēPj PjPμC...P°PSC-P·PjPsPj, CḡPePēPM
PiPμCḡPμPrP±P°C‡P°C,ḡCḡCḡCḡ PrP»Cḡ C†PēPeP»PsCḡPiPsCḡPēPSCḡ. PḡPμ PjPsP¶Pμ
PiCḡPēP·PIPμCḡC,Pē PrPs P·P±C-P»ḡCḡCēPμPSPSCḡ PIPēCḡP°P¶PμPSPsCḡC,C-
PSPμP±P°P¶P°PSPēC... CḡPμP°PeC†C-PM. PḡP°PIPiP°PePē, C-PSPrCḡPeC,PsCḡPē
C†PēC,PsC...CḡPsPjCḡ P 450 (PSP°PiCḡPēPeP»P°Pr, C,,PμPSPsP±P°CḡP±C-C,P°P» C,P°
CḡPēC,,P°PjPiC-C†PēPS) P·PSPēP¶CḡCḡC,ḡ CḡC-PIPμPSCḡ PrPsPeCḡPsCḡCḡP±C-C†PēPSCḡ
Cḡ PiP»P°P·PjC- PeCḡPsPIC- C- C,P°PePēPj C‡PēPSPsPj PjPsP¶CḡC,ḡ PiCḡPēP·PIPsPrPēC,Pē
PrPs P·PSPēP¶PμPSPSCḡ PμC,,PμPeC,PēPIPsCḡC,C-.*

P”PsPeCḡPsCḡCḡP±C-C†PēPS C” CḡPēP»ḡCḡPSPsPrC-CḡC‡PēPj
CḡP°PrC-PsCḡPμPSCḡPēP±C-P»C-P·CḡCḡC‡PēPj P·P°CḡPsP±PsPj
(CḡP°PrC-PsCḡPμPSCḡPēP±C-P»C-P·P°C,PsCḡPsPj), C,P° P°PSP°PjPSPμCḡC,PēC‡PSPēPM
CḡP°PrC-P°C†C-PM PSPēPM C,,PμPSPsPjPμPS, CḡPiCḡPēC‡PēPSPμPSPēPM PSPēPj, PjPsP¶Pμ
P±CḡC,Pē P·P°PiCḡPsP·P»PēPIPēPj PrP»Cḡ P¶PēC,C,Cḡ. P’CḡPrCḡ-CḡPeC-
PiCḡPsC†PμPrCḡCḡPē, PiPsPiḡ™ CḡP·P°PSC- P· CḡP°PrC-PsC,PμCḡP°PiC-C”ḡ,
PsPrPSPsC‡P°CḡPSC- P°P±Ps PiPsCḡP»C-PrPsPIPsC-, PjPsP¶CḡC,ḡ P·P±C-P»ḡCḡCēCḡPIP°C,Pē
PeP°CḡPrC-PsC,PsPeCḡPēC‡PSPēPM P°P±Ps PiPμPiP°C,PsC,PsPeCḡPēC‡PSPēPM PμC,,PμPeC,
PrPsPeCḡPsCḡCḡP±C-C†PēPSCḡ. PḡPμ C,P°PePsP¶ CḡC,PsCḡCḡC”C,ḡCḡCḡCḡ
PePsPjP±C-PSPsPIP°PSPsC— C,PμCḡP°PiC-C— C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj
PeP°CḡPrC-PsC,PsPeCḡPēC‡PSPēC... P°P±Ps PiPμPiP°C,PsC,PsPeCḡPēC‡PSPēC...
P·P°CḡPsP±C-PI.

PμCḡPē PePsPjP±C-PSPsPIP°PSC-PM C,PμCḡP°PiC-C— PrPsC†PμC,P°PeCḡPμP»PsPj C-
PrPsPeCḡPsCḡCḡP±C-C†PēPSPsPj PIPēC%P° C-PjPsPIC-CḡPSC-CḡC,ḡ CḡPsP·PIPēC,PeCḡ
PSPμPM C,CḡPsPiPμPSC-C—.

PμCḡPē PePsPjP±C-PSPsPIP°PSC-PM C,PμCḡP°PiC-C— PrPsPeCḡPsCḡCḡP±C-C†PēPSPsPj C-
C†PēPeP»PsC,,PsCḡC,,P°PjC-PrPsPj, PiP°PeP»C-C,P°PeCḡPμP»PsPj, PrPsC†PμC,P°PeCḡPμP»PsPj,
CḡPēC,CḡPeCḡPēPjP°P±PsPj, C,CḡP°CḡC,CḡP·CḡPjP°P±PsPj P°P±Ps P·PsCḡCḡPePIC-PrP°CḡPsPj
C,PsPeCḡPēC‡PSC- PμC,,PμPeC,Pē PjPsP¶CḡC,ḡ PiPsCḡPēP»ḡCḡPIP°C,PēCḡCḡ.
PμP°C†C-C”PSC,Pē, CḡPeC- P·P°CḡC,PsCḡPsPICḡCḡC,ḡ P°PSC,CḡP°C†PēPeP»C-PSPē
(PSP°PiCḡPēPeP»P°Pr, PrPsPeCḡPsCḡCḡP±C-C†PēPS) PiC-CḡP»Cḡ PiCḡPēPiPēPSPμPSPSCḡ
P»C-PeCḡPIP°PSPSCḡ C-PSCēPēPjPē PeP°CḡPrC-PsC,PsPeCḡPēC‡PSPēPjPē
PiCḡPμPiP°CḡP°C,P°PjPē, PsCḡPsP±P»PēPIPs P· PrPsPIPiPēPj PiPμCḡC-PsPrPsPj
PSP°PiC-PIPiPēPIPμPrPμPSPSCḡ, C,P°PePēPjPē CḡPe C,CḡP°CḡC,CḡP·CḡPjP°P±, C,P°PePsP¶
PjP°CḡC,ḡ PiC-PrPIPēC%PμPSPēPM CḡPēP·PēPe CḡPsP·PIPēC,PeCḡ
PeP°CḡPrC-PsC,PsPeCḡPēC‡PSPsCḡC,C-. PμPsPIC-PrPsPjP»CḡP»PsCḡCḡ, C%Ps

PiPsC, C₇H₁₀P₁±C₁C₇H, C₇H C₇H₁₀C, P₁P»CH₁PS₁PS₁PS₁°P₁P»C₁IP₁Cr₁ C-
C₇H₁₀P₁Cr₁P»C₁IC₇PS₁PS₁PS₁ Pe₁PS₁SC, C₇H₁₀PS»C₇ Pi₁PS»PS₁IP₁SP₁EC...
P»P°P±PS₁C₇H°P°C, PS₁C₇H₁₀SP₁EC... Pi₁PS₁Pe₁P°P·PSP₁Pe₁C-PI. P°P₁PS·P₁ Pr₁PS₁Pe₁Cr₁PS₁C₇H₁₀Cr₁P±C-C₁†P₁SP₁SC₁
C₁†P»C-Pr₁ IP₁Pe₁·PSP°C₁†P°C, P₁ P· C₁†C₇H°P°C...C₁†PIP°PSPSC₁IP₁ IP₁Pe₁Pr₁Cr₁ Pi₁Cr₁C...P»P₁SP₁Pe₁,
C,,C₁†PSP₁Pe₁C†C-C— C₁†P₁μC₇H₁₀C†C₁ C- Pi₁μC₁†C-PS₁Pe₁Pe₁, P° C, P°Pe₁PS₁P¶ C₁†C₁†Pi₁Cr₁C, PS₁CH₁PS₁C—
C...C-P₁μC-PS₁C, P₁μC₇H°Pi₁C-C—. P°P₁PS Pi₁PS₁C†P°C, Pe₁Cr₁ P»C-Pe₁Cr₁PIP°PSPSC₁IP₁
Pr₁PS₁Pe₁Cr₁PS₁C₇H₁₀Cr₁P±C-C₁†P₁SP₁SP₁PS₁Pj PSP₁μPS₁P±C...C-Pr₁PS₁PS Pi₁C₇H₁₀PS₁IP₁μC₁†C, P₁Pe
Pr₁PS₁Cr₁P»C-Pr₁P¶P₁μPSPSC₁IP₁ C,,C₁†PSP₁Pe₁C†C-C— C₁†P₁μC₇H₁₀C†C₁ C- Pi₁μC₁†C-PS₁Pe₁Pe₁, P° C, P°Pe₁PS₁P¶
P°PSP°P»C-P· Pe₁C₇H₁₀PS₁PIC- P· IP₁Pe₁·PSP°C₁†P₁μPSPSC₁IP₁ Pi₁PS»PS₁IP₁SP₁EC...
Pi₁μP₁JP°C, PS₁P»PS₁Pi₁C-C†PSP₁EC... Pi₁PS₁Pe₁P°P·PSP₁Pe₁C-PI.

Ph₁Cr₁PS₁P±P»P₁EPIC₁ PS₁P±P₁μC₇H₁₀P₁¶PSC-C₁†C, C₇H C₁†P»C-Pr₁ Pi₁C₇H₁₀PS₁CI₁IP₁»C₁IC, P₁Pe C°°PS₁Pr₁PS₁
C...PI₁PS₁C₇H₁₀Pe₁C..., C₁IP₁Pe₁Pe₁Pj Pi₁C₇H₁₀Pe₁·PSP°C₁†P₁μPSP° PI Pj₁Pe₁PS₁Cr₁P»PS₁Pj₁Cr₁,
C, P₁μPi₁μC₇H₁₀C-CE₁PS₁CH₁PS₁Pj₁Cr₁ P°P±PS Pj₁P°PN₁PS₁±C₁†C, PS₁CH₁PS₁Pj₁Cr₁ Pi₁C₇H₁₀PS₁Pj₁μPSP₁μPIP°
C, P₁μC₇H°Pi₁C-C₁IP. P₁μC₇H₁₀Pe₁ P·P°C₁†C, PS₁Cr₁Cr₁PIP°PSPSC- Pr₁PS₁Pe₁Cr₁PS₁C₇H₁₀Cr₁P±C-C₁†P₁SP₁SC₁
Pj₁PS₁P¶P»P₁EPIP° C, C₁IP₁¶P₁Pe₁P° Pj₁C-C₁†C†P₁μPIP° C₇H₁₀P°Pe₁C†C-C₁IP C₁† Pr₁C-P»C₁IP₁SP₁Pe₁P°C...
PS₁Pi₁C₇H₁₀PS₁Pj₁C-PS₁μPSPSC₁IP₁. P₁μPS₁PIC-Pr₁PS₁Pj₁P»C₁IP»PS₁Cr₁C₁IP Pi₁C₇H₁₀PS Pi₁PS₁IB₁™ C₁IP·P°PSC₁ P·
C†P₁Pe₁Pj₁ C, C₁IP₁¶P₁Pe₁Cr₁, C-PS₁PS₁Pr₁C- P»P₁μC, P°P»CH₁PS₁Cr₁ Pi₁μPi₁P°C, PS₁C, PS₁Pe₁Cr₁Pe₁C†PSC-C₁†C, C₇H.

P₁μPS₁Pi₁μC₇H₁₀P₁Pr₁PS₁C° PS₁Pi₁C₇H₁₀PS₁Pj₁C-PS₁μPSPSC₁IP₁ C₁†P₁μC₇H₁₀P₁Pr₁PS₁Cr₁C, C-PS₁PS₁SC₁IP₁
Pi₁C-Pr₁IP₁EC°°C₁†C° Pe₁P°C₇H₁₀Pr₁C-PS₁C, PS₁Pe₁Cr₁Pe₁C†PSC-C₁†C, C₇H Pr₁PS₁Pe₁Cr₁PS₁C₇H₁₀Cr₁P±C-C₁†P₁SP₁SC₁.
Pj₁ C†CH₁PS₁Pj₁Cr₁ IP₁Pe₁PI₁P°Pr₁Pe₁Cr₁ PSP₁μ C₁†P»C-Pr₁ Pi₁μC₇H₁₀P₁IP₁EC°°C₁†PIP°C, P₁Pe
Pj₁P°Pe₁Cr₁Pe₁Pj₁P°P»CH₁PS₁Cr₁ Pe₁Cr₁Pj₁Cr₁P»C₁IC, P₁EP₁IPSC₁ P·P°Pi₁P°P»CH₁PS₁Cr₁ Pr₁PS₁P·C₁† 400 Pj₁Pi₁/Pj₁²
Pi₁P»PS₁C°°C- Pi₁PS₁IP₁μC₇H₁₀C...PSC- C, C-P»P°.

P°P₁PS P°P±PS Pi₁C-Pr₁ C†P°C₁† C, P₁μC₇H°Pi₁C-C— Pr₁PS₁Pe₁Cr₁PS₁C₇H₁₀Cr₁P±C-C₁†P₁SP₁SP₁PS₁Pj₁ C₁†P»C-Pr₁
Pi₁C₇H₁₀PS₁IP₁μC₁†C, P₁Pe C, P°Pe₁C- Pr₁PS₁Cr₁P»C-Pr₁P¶P₁μPSPSC₁IP₁ (C†P°C₁†C, PS₁C, P° C—C...
Pi₁C₇H₁₀PS₁IP₁μPr₁μPSPSC₁IP₁ P·P°P»P₁μP¶P₁EC, C₇H PIC-Pr₁ P·P°Pi₁P°P»CH₁PS₁PS₁Pi₁PS₁ C₁†C, P°PSC₁Cr₁
Pi₁P°C†C-C°PSC, P°, Pi₁C₇H₁₀Pe₁·PSP°C₁†P₁μPSP₁SC— Pr₁PS₁P·P₁Pe C, P° C₁†C₁†Pi₁Cr₁C, PS₁CH₁PS₁C—
C, P₁μC₇H°Pi₁C-C—): C,,P»C₇H₁₀PS₁PS₁Pi₁C₇H°P°, C-C₁IP Pi₁C₇H₁₀Cr₁Pr₁PS₁PS₁C— Pe₁P»C-C, Pe₁Pe₁; P·P₁μP°";
Pj₁PS₁PS₁C-C, PS₁C₇H₁₀Pe₁PS₁Pi₁ C,,C₁†PSP₁Pe₁C†C-C— C₁†P₁μC₇H₁₀C†C₁IP (C,,C₇H°Pe₁C†C-C— IP₁Pe₁Pe₁Pr₁Cr₁
P»C-PI₁PS₁Pi₁PS₁ C₁†P»C₁†PSP₁PS₁C†Pe₁P°, PSP°Pi₁C₇H₁₀Pe₁Pe₁P»P°Pr₁ P·P° Pr₁PS₁Pi₁PS₁Pj₁PS₁Pi₁PS₁C₇H P·P₁μP°", Pj₁P—P°
C₁†P₁μC₇H₁₀C†C₁IP C, P° P±P°Pi₁P°C, PS₁Pe₁P°PSP°P»CH₁PS₁PS₁C— C₇H°Pr₁C-PS₁PS₁Cr₁Pe₁P»C-Pr₁PS₁PS₁C—
P°PSP₁Pi₁C-PS₁Pi₁C₇H°P°, C-C—); C°°PS₁Pr₁μPSPSP₁Pe₁PN₁ PS₁Pi₁P»C₁IP₁Pr₁ Pi₁PS₁C₇H₁₀PS₁P¶PSP₁Pe₁PS₁Pe₁ C₇H₁₀PS₁C, P°
C- Pi₁P»PS₁C, Pe₁Pe₁ Pr₁P»C₁IP₁Pe₁CI₁IP₁»P₁μPSPSC₁IP₁ IP₁Pe₁C₇H°P·PS₁Pe C₁†P»P₁Pe·PS₁IP₁EC...
PS₁P±PS₁P»PS₁PS₁PS₁Pe; P°PSP°P»C-P·P₁Pe Pe₁C₇H₁₀PS₁PIC- (Pr₁P»C₁IP₁Pe₁·PSP°C₁†P₁μPSPSC₁IP₁
Pi₁μP₁JP°C, PS₁Pe₁C₇H₁₀Pe₁C, Cr₁, C, C₇H₁₀PS₁Pj₁P±PS₁C†P₁EC, C-PI, Pi₁μP₁JP°C, PS₁P»PS₁Pi₁C-C†PSP₁EC...
Pi₁PS₁Pe₁P°P·PSP₁Pe₁C-PI, Ph₁P»P₁Y, Ph₁P₁Y₁P₁, P·P°P°, P±C-P»C-C₇H₁₀Cr₁P±C-PSC₁Cr₁, C₁†P₁μC₁†PS₁IP₁PS₁C—
Pe₁Pe₁Cr₁P»PS₁C, P₁Pe. Pi₁Pe₁C°°PS₁ PSP°C₁IP₁IP₁SP₁Pe₁PN₁ Pi₁μPi₁P°C, P₁Pe, B P°P±PS₁ Pi₁μPi₁P°C, P₁Pe, C PI
P°PSP°Pj₁PS₁μP·C- (P·P° PSP₁μPS₁P±C...C-Pr₁PS₁PS₁Cr₁C, C-, Pi₁C₇H₁₀PS₁IP₁μC₁†C, P₁Pe C, P₁μC₁†C, PSP°
P°PSC, P₁Pe, C-P»P°), PSP₁μPS₁P±C...C-Pr₁PS₁PS₁ C₇H₁₀PS₁P±P₁EC, P₁Pe Pi₁μC₁†C-PS₁Pe₁PS₁PIC- Pi₁C₇H₁₀PS₁P±P₁Pe
Pi₁C-Pr₁ C†P°C₁† C- Pi₁C-C₁†P»C₁IP₁ P»C-Pe₁Cr₁PIP°PSPSC₁IP₁, PS₁Cr₁Pe₁C-P»CH₁Pe₁Pe₁ Pj₁PS₁P¶P»P₁EPIP°
C₇H₁₀P°Pe₁C, P₁EP₁P°C†C-C₁IP C...PI₁PS₁C₇H₁₀PS₁P±P₁Pe.

P₁Y₁CI₁P¶P₁Pe₁C- C-PSC,,P₁μPe₁C†C-C— C, P°/P°P±PS₁ Pe₁C₇H₁₀PS₁IP₁PS₁C, P₁μC₁†C- PSP₁μPS₁P±C...C-Pr₁PS₁PS₁
C₁†PI₁Pe₁Pr₁Pe₁PS₁ PN₁ P₁μC,,P₁μPe₁C, P₁EP₁IP₁SP₁PS₁ P»C-Pe₁Cr₁PIP°C, P₁Pe. P₁Cr₁C₁IP₁IPSC- C-PSC,,P₁μPe₁C†C-C—
C₁†P»C-Pr₁ P»C-Pe₁Cr₁PIP°C, P₁Pe Pr₁PS₁ Pi₁PS₁C†P°C, Pe₁Cr₁ C, P₁μC₇H°Pi₁C-C—.

P₁Y₁C, P°PS₁ Pi₁P°C†C-C°PSC, P° Pi₁PS₁IP₁Pe₁PS₁μPS₁ PIC-Pr₁PS₁PS₁IP₁Pe₁C, P₁EC₁CI₁IP₁ Pi₁C-C₁†P»C₁IP₁
Pi₁PS₁Cr₁C, C₇H₁₀PS₁Pi₁PS₁ C, PS₁Pe₁Cr₁Pe₁C†PSP₁PS₁Pi₁PS₁ IP₁PI₁P»P₁EPIC₁ Pi₁PS₁Pi₁μC₇H₁₀P₁Pr₁PS₁CH₁PS₁Pi₁PS₁
P»C-Pe₁Cr₁PIP°PSPSC₁IP₁ C†P₁EC, PS₁C, PS₁Pe₁Cr₁Pe₁C†PSP₁Pe₁Pj₁Pe₁ P·P°C₁†PS₁P±P°Pj₁Pe₁ (PSP°Pi₁C₇H₁₀Pe₁Pe₁P»P°Pr₁,
Pi₁C₇H₁₀Pe₁ C₁†C, PS₁Pj₁P°C, P₁Pe, C-, PSP₁μPN₁C, C₇H₁₀PS₁Pi₁μPSC-C—, C, C₇H₁₀PS₁Pj₁P±PS₁C†P₁EC, PS₁Pi₁μPSC-C—

C,P° PiPμPSPμCḡP°P»C-P·PsPIP°PSC-PNḡ C-PSC,,PμPeC†C-C—) PiPμCḡPμPr PiPsC†P°C,PePsPj
P»C-PeC†PIP°PSPSCḡ PrPsPeC†PsCḡC†P±C-C†PēPSPsPj.

Pj PiP°C†C-C”PSC,C-PI C-P· PsP¶PēCḡC-PSPSCḡPj (C,PsP±C,Ps >130 % C-PrPμP°P»CHbPSPsC—
PjP°C†Pē C,C-P»P°) C†PēC†C,PμPjPSPēPNḡ PeP»C-CḡPμPSC† PrPsPeC†PsCḡC†P±C-C†PēPSC†
P·PSPēP¶PμPSPēPNḡ.

PμCḡPē C,PμCḡP°PiC-C— PrPsPeC†PsCḡC†P±C-C†PēPSPsPj PSC†PrPsC,P°, P±P»CHbPIP°PSPSCḡ
C- P·P°PiP°P»PμPSPSCḡ C†P»PēP·PsPIPēC... PsP±PsP»PsPSPsPe C†P°C†C,Ps P±C†PIP°CHC,CH
C,CḡP¶PePēPjPē C- PIPēPjP°PiP°CHC,CH PIC-PrPiPsPIC-PrPSPsPiPs P»C-PeC†PIP°PSPSCḡ.

P”PsPeC†PsCḡC†P±C-C†PēPS PSPμ C†P»C-Pr PIPiPsPrPēC,Pē C-PSC,CḡP°C,PμPeP°P»CHbPSPs
P°P±Ps PIPSC†C,CḡC-CēPSCbPsPjBḡ™ CḡP·PsPIPs, PiC-PrCēPeC-CḡPSPs P°P±Ps C†C,,PsCḡPjC-
PrPsPIPiPsC,CḡPēPIP°P»PsC— C-PSC,,C†P·C-C— (PsC†PeC-P»CHbPePē C”
PiPsPIC-PrPsPjP»PμPSPSCḡ PiCḡPs C,Pμ, C%Ps PrPsPeC†PsCḡC†P±C-C†PēPS C†
PePsPjP±C-PSP°C†C-C— P· PiPμPiP°CḡPēPSPsPj C,P° 5-C,,C,PsCḡC†CḡP°C†PēP»PsPj
C†C,PIPsCḡCHC” PsC†P°Pr); C,P°PePsP¶ PNḡPsPiPs PSPμ PjPsP¶PSP° P·PjC-CēC†PIP°C,Pē P·
P±C†PrCHb-CḡPePēPjPē C-PSCēPēPjPē P»C-PeP°CḡC†CHbPePēPjPē P·P°C†PsP±P°PjPē.

P·PeC†C,CḡP°PIP°P·P°C†C-Cḡ

P·PeC†C,CḡP°PIP°P·P°C†C-Cḡ PrPsPeC†PsCḡC†P±C-C†PēPSC† C†PiCḡPēC†PēPSCḡC”
C,CḡP¶PePμ C†CḡP°P¶PμPSPSCḡ C,PeP°PSPēPS (PiC†C...PēCḡC†P°C†C,PēPNḡ PIPēC†PēPi,
C,CḡP¶PePēPNḡ C†PμP»CHbP»C-C,) C- PiCḡPsPiCḡPμC†C†C†PēPNḡ PSPμPeCḡPsP·
C,PeP°PSPēPS. PŸPēPjPiC,PsPjP°PjPē PμPeC†C,CḡP°PIP°P·P°C†C-C— C” P±C-P»CH C,P°/P°P±Ps
PiPμC†C-PSPSCḡ C† PjC-C†C†C- PIPSC†C,CḡC-CēPSCbPsPIPμPSPSPsPiPs PIPiPμPrPμPSPSCḡ
PiCḡPμPiP°CḡP°C,C†. Pj CḡP°P·C- PiC-PrPsP·CḡCHbPIP°PSPsC— PμPeC†C,CḡP°PIP°P·P°C†C-C—
C†P»C-Pr PSPμPiP°PNḡPSPs PiCḡPēPiPēPSPēC,Pē PIPiPμPrPμPSPSCḡ
PrPsPeC†PsCḡC†P±C-C†PēPSC† C- PiCḡPsPrPsPIP¶PēC,Pē PNḡPsPiPs PI C-PSCēC† PIPμPSC†.
P’C-P»CHb PjPsP¶PSP° PiPsP»PμPiCēPēC,Pē CēP»CḡC...PsPj PsC...PsP»PsPrP¶PμPSPSCḡ
PrC-P»CḡPSPePē PiCḡPsC,CḡPiPsPj 24 PiPsPrPēPS. PμPsPIC-PrPsPjP»CḡP»PsC†Cḡ PiCḡPs
PIP¶PēPIP°PSPSCḡ PI C,P°PePēC... PIPēPiP°PrPeP°C... P· CḡC-P·PSPēPj C†C†PiC-C...PsPj
C,P°PePēC... P·P°C...PsPrC-PI: PiCḡPsPjPēPIP°PSPSCḡ C†PsP»CHbPsPIPēPj CḡPsP·C†PēPSPsPj,
P»PsPeP°P»CHbPSPμ PIPiPμPrPμPSPSCḡ PePsCḡC,PēPePsC†C,PμCḡPsC—PrPSPēC...
P·P°C†PsP±C-PI P°P±Ps CḡPsP·C†PēPSC† P±C-PeP°CḡP±PsPSP°C,C† PSP°C,CḡC-CH (8,4 %), P°
C,P°PePsP¶ P·P°C†C,PsC†C†PIP°PSPSCḡ PrPēPjPμC,PēP»C†C†P»CHbC,,PsPeC†PēPrC†.
PŸPiCḡPēCḡC,P»PēPIPēPNḡ PIPiP»PēPi P·P°P±PμP·PiPμC†C†C”C,CHbC†Cḡ PjC-C†C†PμPIPēPj
PSP°PSPμC†PμPSPSCḡPj 1 % PjP°P·C- PiC-PrCḡPsPePsCḡC,PēP·PsPSC†. PkPμPsP±C...C-PrPSPs
PiCḡPsPIPsPrPēC,Pē CḡPμC,PμP»CHbPSPēPNḡ PjPsPSC-C,PsCḡPēPSPi C†C,P°PSC†
PiP°C†C-C”PSC,P° PiCḡPsC,CḡPiPsPj PrPμPeC-P»CHbPePsC... C,PēP¶PSC-PI PiC-C†P»Cḡ
PIPēPSPēPePSPμPSPSCḡ PμPeC†C,CḡP°PIP°P·P°C†C-C—. Pj CḡP°P·C-
PμPeC†C,CḡP°PIP°P·P°C†C-C— C†P»C-Pr PiCḡPsPePsPSC†C†P»CHbC,C†PIP°C,PēC†Cḡ P·
C,,P°C...C-PIC†PμPjB C-P· PiP»P°C†C,PēC†PSPsC— C...C-CḡC†CḡPiC-C— B C%PsPrPs
PSPμPsP±C...C-PrPSPsC†C,C- CēPēCḡPsPePsPiPs CḡPsP·C,PēPSC† C†CḡP°P¶PμPSPsC—
PrC-P»CḡPSPePē.

PμP°CḡPrC-PsC,PsPeC†PēC†PSC-C†C,CHb

P»C-PeC†PIP°PSPSCḡ P°PSC,CḡP°C†PēPeP»C-PSP°PjPē P°C†PsC†C-PNḡPsPIP°PSPμ C-P·
CḡPēP·PēPePsPj PeP°CḡPrC-PsC,PsPeC†PēC†PSPsC†C,C-, C%Ps PjPsP¶Pμ
PjP°PSC-C,,PμC†C,C†PIP°C,Pē C† PIPēPiP»CḡPrC- CḡP°PSPSC-C... (PiPsC†C,CḡPēC...) C,P°
PiC-P·PSC-C... (PIC-PrC†C,CḡPsC†PμPSPēC...) PiCḡPsCḡPIC-PI.

РμCḡPsCḡPIPë CḡP°PSPSCHbPsC— (PiPsCḡC,CḡPsC—) PeP°CḡPrC-PsC,PsPeCḡPëCḡPSPsCḡC,C-.
P P°PSPSC- PiCḡPsCḡPIPë PeP°CḡPrC-PsC,PsPeCḡPëCḡPSPsPiPs PiPiP»PëPICḡ
PrPsPeCḡPsCḡCḡP±C-CḡPëPSCḡ PiPiμCḡPiP°PḡPSPs CḡPIP»CḡCḡC,Ch CḡPsP±PsCḡ
CḡPëPSCḡCḡPsPICḡ C,P°C...C-PeP°CḡPrC-Cḡ C,P°/P°P±Ps PSPμCḡPiPiCḡPëC,,C-CḡPSC-
P·PjC-PSPë CḡPiPiPjPμPSC,Cḡ ST-T PSP° P·PḡP". PḡP°PePsPḡ PiPsPIC-PrPsPjP»CḡPIP»PsCḡCḡ
PiCḡPs C,P°C...C-P°CḡPëC,PjC-C—, PiPeP»CḡCḡP°CḡCḡPë CḡP»CḡPSPsCḡPePsPIC-
PμPeCḡC,CḡP°CḡPëCḡC,PsP»Pë, CḡP»CḡPSPsCḡPePsPICḡ C,P°C...C-PeP°CḡPrC-Cḡ C,P°
P±CḡP°PrPëPeP°CḡPrC-Cḡ, P° C,P°PePsPḡ PiPiμCḡPiPrCḡPμCḡPrPSPs-CḡP»CḡPSPsCḡPePsPICḡ
P±P»PsPeP°PrCḡ C,P° P±P»PsPeP°PrCḡ PSC-PḡPsPe PiCḡCḡPeP° P°C-CḡP°. P—P°P·PiPëCḡP°Pḡ
CḡC- PiCḡPsCḡPIPë PSPμ CḡCḡPiCḡPsPiPsPrPḡCḡCḡC,ChCḡCḡ PiPëPSPëPePSPμPSPSCḡPj
PIC-PrCḡC,CḡPsCḡPμPSPsC— PeP°CḡPrC-PsC,PsPeCḡPëCḡPSPsCḡC,C- C- P·P°PiP°P»PsPj PSPμ
PiPëPjP°PiP°CḡC,Ch PiCḡPëPiPëPSPμPSPSCḡ P»C-PeCḡPiP°PSPSCḡ
PrPsPeCḡPsCḡCḡP±C-CḡPëPSPsPj.

РμC-P·PSC- (PIC-PrCḡC,CḡPsCḡPμPSC-) PiCḡPsCḡPIPë PeP°CḡPrC-PsC,PsPeCḡPëCḡPSPsCḡC,C-.
P°C-PrCḡC,CḡPsCḡPμPSP° PeP°CḡPrC-PsC,PsPeCḡPëCḡPSC-CḡC,Ch, P·P°P·PiPëCḡP°Pḡ
PiPëPSPëPeP°C" Cḡ PiC-P·PSC-Pḡ PiPiμCḡC-PsPr P·P°CḡC,PsCḡCḡPiP°PSPSCḡ
PiCḡPiPiP°CḡP°C,Cḡ P°P±Ps CḡPiμCḡPiP· 2-3 PjC-CḡCḡCḡC- PiC-CḡP»Cḡ
P·P°PiPiμCḡCḡPμPSPSCḡ P»C-PeCḡPiP°PSPSCḡ. PḡPrPSP°Pe PiPsPIC-PrPsPjP»CḡPIP»PsCḡCḡ
PiCḡPs CḡPsP·PiPëC,PsPe P±C-P»ChCḡ PiC-P·PSC-C... PiCḡPsCḡPIC-PI CḡPiμCḡPiP·
PeC-P»ChPeP° PjC-CḡCḡCḡC-PI P°P±Ps CḡPsPeC-PI PiC-CḡP»Cḡ P·P°PiPiμCḡCḡPμPSPSCḡ
P»C-PeCḡPiP°PSPSCḡ. P°C-PrPrP°P»PμPSP° PeP°CḡPrC-PsPjC-PsPiP°C,C-Cḡ
PiCḡPsCḡPIP»CḡC" C,ChCḡCḡ P·PjPμPSCḡPμPSPSCḡPj C,,CḡP°PeCḡC-C— PiPëPePëPrCḡ
P»C-PiPsPiPs CḡP»CḡPSPsCḡPeP° (PḡP°P»Pë) C,P°/P°P±Ps CḡPëPjPiC,PsPjP°PjPë
P·P°CḡC,C-PḡPSPsC— CḡPiμCḡCḡPiPiPsC— PSPμPrPsCḡC,P°C,PSPsCḡC,C- (P—PḡPḡ),
C,P°PePëPjPë CḡPe PrPëCḡPiPSPsPμ, PSP°P±CḡCḡPe P»PμPiPiPSC-PI,
PiPiμCḡPëC,,PμCḡPëCḡPSPëPḡ PSP°P±CḡCḡPe, PeP°CḡPrC-PsPjPμPiP°P»C-Cḡ C-
PiPiμPiP°C,PsPjPμPiP°P»C-Cḡ, PsP»C-PiCḡCḡCḡCḡ, P°CḡCḡPëC,, PiP»PμPICḡP°P»ChPSPëPḡ
PiPëPiC-C, C- CḡPëC,Pj PiP°P»PsPiCḡ. P°C-PrP·PSP°CḡPμPSC- C,P°PePsPḡ PiC-PrPiPsCḡC,CḡC-
PiCḡPsCḡPIPë, C,P°PeC- CḡPe PiPiμCḡPëPeP°CḡPrPëC,/PjC-PsPeP°CḡPrPëC.,
PḡP°PḡPiP°PḡCḡPsCḡ C- PSPμP±PμP·PiPiμCḡPSPsCḡ PrP»Cḡ PḡPëC,C,Cḡ C,,PsCḡPjPsCḡ
P°PSC,CḡP°CḡPëPeP»C-PSC-PSPḡCḡPePsPiP°PSPsC— PeP°CḡPrC-PsPjC-PsPiP°C,C-C— C"
P—PḡPḡ, CḡPeP° C" PeCḡPjCḡP»CḡC,PëPiPSPëPj PrPsP·PsPsP±PjPμPḡCḡPiP°P»ChPSPëPj
PiCḡPsCḡPiPsPj C,PsPeCḡPëCḡPSPsCḡC,C- PiCḡPiPiP°CḡP°C,Cḡ.

P PëP·PëPe CḡPsP·PiPëC,PeCḡ CḡPiμCḡCḡPiPiPsC— PSPμPrPsCḡC,P°C,PSPsCḡC,C- PI
PsPSPePsP»PsPiC-CḡPSPëC... PiP°CḡC-C" PSC,C-PI, CḡPeC- P»C-PeCḡPiP°P»PëCḡCḡ
PrPsPeCḡPsCḡCḡP±C-CḡPëPSPsPj, P·P±PμCḡCḡPiP°C" C,ChCḡCḡ PiPiCḡPsPrPsPiPḡ
CḡCḡChPsPiPs PḡPëC,C,Cḡ. PḡPiμCḡCḡPiPiP° PSPμPrPsCḡC,P°C,PSC-CḡC,Ch,
CḡPiCḡPëCḡPëPSPμPSP° PrPsPeCḡPsCḡCḡP±C-CḡPëPSPsPj, PjPsPḡPμ P±CḡC,Pë
CḡPiμP·PëCḡC,PμPSC,PSPsCḡ PrPs C,CḡP°PrPëCḡC-PḡPSPsPiPs P»C-PeCḡPiP°PSPSCḡ.

Pj CḡP°P·C- PiPiμCḡPiPiPëCḡPμPSPSCḡ PjP°PeCḡPëPjP°P»ChPSPsC—
PeCḡPjCḡP»CḡC,PëPiPSPsC— PrPsP·Pë (PrP»Cḡ PrPsCḡPsCḡP»PëC... — 550 PjPi/ Pj²
PiPsPiPiμCḡC...PSC- C,C-P»P°, Cḡ CḡP°P·C- PiPsPiPiμCḡPiPrPSCḡPsPiPs
PsPiCḡPsPjC-PSPμPSPSCḡ PiCḡCḡPrPSPsC— PeP»C-C,PePë P°P±Ps PiC-Pr CḡP°Cḡ
C,PμCḡP°PiC-C—B P· PsPrPSPsCḡP°CḡPSPëPj P·P°CḡC,PsCḡCḡPiP°PSPSCḡPj
P°P»PeC-P»CḡCḡCḡPëC... P·P°CḡPsP±C-PI — 400 PjPi/Pj² PiPsPiPiμCḡC...PSC- C,C-P»P°)
PiPsPeP°P·PSPëPe P°PSC,CḡP°CḡPëPeP»C-PS-C-PSPḡCḡPePsPiP°PSPsC—
PeP°CḡPrC-PsPjC-PsPiP°C,C-C— CḡPiPëPrPePs P·CḡPsCḡC,P°C" PSP°PIC-C,Ch Cḡ CḡP°P·C-
PiPsPiPiμCḡPiPrPSCḡPsC— PIC-PrCḡCḡC,PSPsCḡC,C- C,,P°PeC,PsCḡC-PI CḡPëP·PëPeCḡ.

PhPrPSP°Pe PI PsPeCḡPμPjPëC... PIPëPīP°PrPeP°C... PeP°CḡPrC-PsC,PsPeCḡPëC±PSC-CḡC,CH
CḡPīPsCḡC,PμCḡC-PiP°P»P°CḡCḡ Cr CḡP°P·C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PSP°P±P°PiP°C,Ps
PSPëPḡC±PëC... P·P°PiP°P»CHPSPëC... PrPsP·. PμC-CḡP»Cḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
PeCḡPjCḡP»CḡC,PëPIPSPsC— PrPsP·Pë 550 PjPi/Pj²B PīPsPIPμCḡC...PSC- C,C-P»P° Cr
PīP°CḡC-C”PSC,C-PI, PSP°PīCḡPëPeP»P°Pr, CḡPīPsCḡC,PμCḡC-PiP°C”C,CHCḡCḡ 5 %
CḡPëP·PëPe CḡPsP·PIPëC,PeCḡ C,CḡPḡPePsC— CḡPμCḡCḡPμPIPsC—
PSPμPrPsCḡC,P°C,PSPsCḡC,C-. PḡCḡC-Pj C,PsPiPs, PīPμCḡPμPr PīPsC±P°C,PePsPj
PePsPḡPSPsPiPs PeCḡCḡCḡCḡ C,PμCḡP°PīC-C— Cr C,P°PePëC... PīP°CḡC-C”PSC,C-PI
PSPμPsP±C...C-PrPSPs PIPëPjC-CḡCHPIP°C,Pë C,,CḡP°PeCḡC-CH PIPëPePëPrCḡ P»C-PIPsPiPs
CëP»CḡPSPsC±PeP°.

PμCḡPë PSP°CḡPIPSPsCḡC,C- Cr PīP°CḡC-C”PSC,P° PeP°CḡPrC-PsP»PsPiC-C±PSPëC...
P·P°C...PIPsCḡCHPIP°PSCḡ PīC-CḡP»Cḡ PīCḡPsPjPμPSPμPIPsC— C,PμCḡP°PīC-C—
PrC-P»CḡPSPePë CḡPμCḡCḡCḡ P°P±Ps CḡPμCḡPμPrPsCḡC,C-PSPSCḡ, P° C,P°PePsPḡ
P»C-PeCḡPIP°PSPSCḡ C-PSCëPëPjPë PeP°CḡPrC-PsC,PsPeCḡPëC±PSPëPjPë
PSPμP°PSC,CḡP°CḡPëPeP»C-PSPsPIPëPjPë PīCḡPsC,PëPīCḡC...P»PëPSPSPëPjPë
PīCḡPμPīP°CḡP°C,P°PjPë PeCḡPjCḡP»CḡC,PëPIPSP° PrPsP·P° PSPμ PīPsPIPëPSPSP°
PīPμCḡPμPIPëC%CrPIP°C,Pë 400 PjPi/Pj² PīPsPIPμCḡC...PSC- C,C-P»P°, C,P°PePsPḡ
PSPμPsP±C...C-PrPSPëPḡ CḡPμC,PμP»CHPSPëPḡ PjPsPSC-C,PsCḡPëPSPi C,,CḡPSPeCḡC-C—
CḡPμCḡCḡCḡ.

PμP°CḡC-C”PSC,P°Pj PīCḡCḡPīPë PīC-PrPIPëC%PμPSPsPiPs CḡPëP·PëPeCḡ CḡPsP·PIPëC,PeCḡ
PeP°CḡPrC-PsP»PsPiC-C±PSPsC— PīP°C,PsP»PsPiC-C— PrPsPeCḡPsCḡCḡP±C-CḡPëPS
CḡPμPePsPjPμPSPPrCḡC”,CHCḡCḡ PIPiPsPrPëC,Pë CëP»CḡC...PsPj 24-PiPsPrPëPSPSPëC...
P±PμP·PīPμCḡPμCḡPIPSPëC... PIPSCḡC,CḡC-CëPSCḡPsPIPμPSPSPëC... C-PSC,,CḡP·C-Pḡ, P°
PSPμ C-PSḡḡ”C”PeCḡC-Pḡ. PμCḡPë C,P°PePsPjCḡ CḡPīPsCḡPsP±C- PIPiPμPrPμPSPSCḡ
PeP°CḡPrC-PsC,PsPeCḡPëC±PSC- PμC,,PμPeC,Pë CḡPīPsCḡC,PμCḡC-PiP°CḡC,CHCḡCḡ
CḡC-PrCëPμ, P° PμC,,PμPeC,PëPIPSC-CḡC,CH P»C-PeCḡPIP°PSPSCḡ PSPμ
P·PjPμPSCëCḡC”,CHCḡCḡ.

P PëP·PëPe CḡPsP·PIPëC,PeCḡ PeP°CḡPrC-PsC,PsPeCḡPëC±PSPëC... CrCḡP°PḡPμPSCḡ
PIPëC%PëPḡ Cr PīP°CḡC-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë PīCḡPsPjPμPSPμPICḡ
C,PμCḡP°PīC-CH PSP° PrC-P»CḡPSPeCḡ CḡPμCḡPμPrPsCḡC,C-PSPSCḡ P°P±Ps
PīPμCḡPëPeP°CḡPrP°, P»C-PeCḡPIP°P»PëCḡCḡ CḡP°PSC-CëPμ P°PSC,CḡP°CḡPëPeP»C-PSP°PjPë
C,P°/P°P±Ps P°PSC,CḡP°CḡPμPSPPrC-PsPSP°PjPë, C...PIPsCḡPëC... P·
PeP°CḡPrC-PsP»PsPiC-C±PSPëPjPë P·P°C...PIPsCḡCHPIP°PSPSCḡPjPë PI P°PSP°PjPSPμP·C-,
PīP°CḡC-C”PSC,C-PI P»C-C,PSCḡPsPiPs PIC-PeCḡ (PIC-PePsPj PIC-Pr 70 CḡPsPeC-PI) C-
PrC-C,PμPḡ (PIC-PePsPj PrPs 15 CḡPsPeC-PI).

PḡP°CḡPrC-PsC,PsPeCḡPëC±PSC- PμC,,PμPeC,Pë PjPsPḡCḡC,CH PīCḡPsCḡPIP»CḡC,PëCḡCḡ
PīCḡPë PrPsP·P°C... PSPëPḡC±Pμ CḡPμPePsPjPμPSPPrPsPIP°PSPsC— PjP°PeCḡPëPjP°P»CHPSPsC—
PeCḡPjCḡP»CḡC,PëPIPSPsC— PrPsP·Pë. PḡPμPsP±PsCḡPsC,PSP° P—PŸPḡ PjPsPḡPμ
CḡPsP·PIPëPSCḡC,PëCḡCḡ PSP°PIC-C,CH PīCḡPë P·P°PiP°P»CHPSC-Pḡ PrPsP·C- 240 PjPi/Pj²
PīPsPIPμCḡC...PSC- C,C-P»P°. PŸPsPjCḡ PīCḡPë PIPëP·PSP°CḡPμPSPSC- PrPsPīCḡCḡCḡ,PëPjPsC—
PeCḡPjCḡP»CḡC,PëPIPSPsC— PrPsP·Pë PrP»Cḡ PePsPḡPSPsPiPs PīP°CḡC-C”PSC,P° CḡP»C-Pr
PICḡP°C...PsPICḡPIP°C,Pë PīPsPīPμCḡPμPrPSCḡ P°P±Ps CḡCḡPīCḡC,PSCḡ C,PμCḡP°PīC-CH
C-PSCëPëPjPë PīPsC,PμPSCḡC-PḡPSPs PeP°CḡPrC-PsC,PsPeCḡPëC±PSPëPjPë
PīCḡPμPīP°CḡP°C,P°PjPë, P·PsPeCḡPμPjP° CḡPëPeP»PsC,,PsCḡC,,P°PjC-PrPsPj
(PIPSCḡC,CḡC-CëPSCḡPsPIPμPSPSPs), PjC-C,PsPjC-CḡPëPSPsPj PŸ P°P±Ps
PrP°PeP°CḡP±P°P·PëPSPsPj, C-PSCëPëPjPë P°PSC,CḡP°CḡPëPeP»C-PSP°PjPë
(PSP°PīCḡPëPeP»P°Pr, PrP°CḡPSPsCḡCḡP±C-CḡPëPSPsPj), P° C,P°PePsPḡ PīCḡPsPjPμPSPμPICḡ

C, P_μ C₇ P° P_i C- C₇ P S P° P_r C- P» C₁ P S P_e C_r C₁ P_μ C₇ P_μ P_r P_s C₁ C, C- P S P S C₁ P° P± P_s
P_i P_μ C₇ P_e P° C₇ P_r C_r.

P_μ P_s P_i C- P_r P_s P_j P» C₁ P» P_s C₁ C₁ P_i C₇ P_s C₇ P_s P· P_i P_e C, P_s P_e P_i P_s C₁ C, C₇ P_e C... C, C₁ P_μ P_e P_e C...
P° C₇ P_e C, P_j C- P_μ P_i C- P_r C± P° C₁ P° P± P_s C± P_μ C₇ P_μ P· P_e C- P» C₇ P_e P° P_i P_s P_r P_e P_s P_i C- C₁ P» C₁
P_i P_i P_μ P_r P_μ P S P S C₁ P_r P_s P_e C₁ P_s C₇ C_r P± C- C± P_e P S C_r.

P_μ C₇ P_e P» C- P_e C_r P_i P° P S P S C- P_r P_s P_e C₁ P_s C₇ C_r P± C- C± P_e P S P_s P_j P_j P_s P_μ C_r C, C₇
C₁ P_i P_s C₁ C, P_μ C₇ C- P_i P° C, P_e C₁ C₁ C, P° P_e C- P· P_j C- P S P_e P· P· P_μ P°, C₁ P_e P· P_j P_μ P S C_e P_μ P S P S C₁
P° P_j P_i P» C- C, C_r P_r P_e P_e P_s P_j P_i P» P_μ P_e C₁ C_r C- P_i C₇ P_s P» P_s P S P_i P° C± C- C₁
C₁ P_e C₁ C, P_s P» C- C± P S P_s P_i P_s C- P S C, P_μ C₇ P_i P° P» C_r, P° C, P° P_e P_s P_μ P· P S P_e P_μ P S P S C₁
C,, C₇ P° P_e C± C- C— P_i P_e P_e P_r C_r P» C- P_i P_s P_i P_s C_e P» C_r P S P_s C± P_e P°.

P_h C₁ P_s P± P» P_e P_i P° P_s P± P_μ C₇ P_μ P_μ P S C- C₁ C, C₇ P S P_μ P_s P± C... C- P_r P S P° P_i C₇ P_e
P» C- P_e C_r P_i P° P S P S C- P_r P_s P_e C₁ P_s C₇ C_r P± C- C± P_e P S P_s P_j C... P_i P_s C₇ P_e C... B C- P·
P_e P° C₇ P_r C- P_s P» P_s P_i C- C± P S P_e P_j P_e P· P° C... P_i P_s C₇ C₇ P_i P° P S P S C₁ P_j P_e P_i P° P S P° P_j P S P_μ P· C-
(C, P° P_e P_e P_j P_e C₁ P_e P S P_μ C% P_s P_r P° P_i P S C- P_μ C- P S C,, P° C₇ P_e C, P_j C- P_s P_e P° C₇ P_r P°,
C₁ P_μ C₇ C± P_μ P_i P° P S P_μ P_r P_s C₁ C, P° C, P S C- C₁ C, C₇, P_e P° C₇ P_r C- P_s P_j C- P_s P_i P° C, C- C₁,
P_i P_μ C₇ P_e P_e P° C₇ P_r P_e C,, P° C₇ P_e C, P_j C- C—), P° C, P° P_e P_s P_μ P_i P° C± C- C" P S C, C- P_i, C₁ P_e C-
P_s C, C₇ P_e P_j C_r P_i P° P» P_e C- P S C_e C- P_e P° C₇ P_r C- P_s C, P_s P_e C₁ P_e C± P S C- P_i C₇ P_μ P_i P° C₇ P° C, P_e,
P S P° P_i C₇ P_e P_e P» P° P_r C± P_e P_e P» P_s C,, P_s C₁ C,, P° P_j C- P_r.

P_k P_μ P_s P± C... C- P_r P S P_s P± C₇ P° C, P_e P_r P_s C_r P_i P_e P_e C_r P_j C_r P» C₁ C, P_e P_i P S C_r P_r P_s P· C_r,
C₁ P_e C% P_s P» C- P_e P° C₇ C₁ C₇ P_e P_e P_μ P· P· P° C₁ C- P± P· P° C₁ C, P_s C₁ P_s P_i C_r P_i P° C, P_e P_r P» C₁
P» C- P_e C_r P_i P° P S P S C₁ P_r C- C, P_μ P_μ, C₁ P_e C- P_i C± C- P» P_s P_j C_r P_i P_μ C₇ P_μ P S P_s C₁ C₁ C, C₇
P S P_e P_μ C± C- P· P° P_i P° P» C₇ P_s C- P_r P_s P· P_e, C₁ P_e P_e P_j P_i C₇ P_s P_i P_s P_r P_e P» P_e P_r P_s P_r P° C, P_e P_s P_i C_r
C₇ P° P_r C- P_s C, P_μ C₇ P° P_i C- C₇ C, P° C₁ P_e C- P S P° P_j P_s P_j P_μ P S C, P_i P_s C± P° C, P_e C_r C, P_μ C₇ P° P_i C- C—
P± C_r P» P_e P_r C_r P_μ P_j P_s P» P_s P_r P_s P_i P_s P_i C- P_e C_r, P_i C₁ P_e P_e C... C₁ C_r P_i C_r C, P S C₁
C, P_μ C₇ P° P_i C- C₁ C₁ P_i C₇ P_e C± P_e P S C₁ C" P_s C₁ P_s P± P» P_e P_i P_s P_i P_e C₁ P_s P_e P_e P_μ C₇ P_e P· P_e P_e
P± C- P» C₇ P_e C_e P_i C- P· P S C₇ P_s P_i P_s C₇ P_s P· P_i P_e C, P_e C_r P_e P° C₇ P_r C- P_s C, P_s P_e C₁ P_e C± P S P_s C₁ C, C- P·
P_i P_μ P S C, C₇ P_e P_e C_r P» C₁ C₇ P S P_s C₇ P_r P_e C₁ C,, C_r P S P_e C± C- C" C₇, C₁ P_μ C₇ C± P_μ P_i P_s C₇
P S P_μ P_r P_s C₁ C, P° C, P S C- C₁ C, C₇ C, P°/P° P± P_s P° C₇ P_e C, P_j C- C" C₇, C% P_s P· P° P_i C₇ P_s P_μ C_r C"
P_μ P_e C, C, C₇. P" C- P_i C± P° C, P_e P° P_i P_s C₇ C- P_i P S C₁ P S P_s P· C... P» P_s P_i C± P_e P_e P° P_j P_e P± C- P» C₇ P_e C_e P_μ
C₁ C... P_e P» C₇ P_s C- P_r P_s C₇ P_s P· P_i P_e C, P_e C_r C_r P_i P_s P_i C- P» C₇ P S P_μ P S P_s C—
P_e P° C₇ P_r C- P_s C, P_s P_e C₁ P_e C± P S P_s C₁ C, C- P_i C- C₁ P» C₁ P» C- P_e C_r P_i P° P S P S C₁ C- P·
P· P° C₁ C, P_s C₁ C_r P_i P° P S P S C₁ P_j P_r P_s P_e C₁ P_s C₇ C_r P± C- C± P_e P S C_r.

P_h C₁ P_s P± P» P_e P_i P_s C— P_s P± P_μ C₇ P_μ P_μ P S P_s C₁ C, C- C₁ P» C- P_r P_r P_s C, C₇ P_e P_j C_r P_i P° C, P_e C₁ C₁
C, P° P_e P_s P_μ C_r C₇ P° P· C- P» C- P_e C_r P_i P° P S P S C₁ P_r C- C, P_μ P_μ P_i C- P_e P_s P_j P_r P_s 2 C₇ P_s P_e C- P_i C, P°
P_i P° C± C- C" P S C, C- P_i, C₁ P_e C- P_r P_s C± C₇ P_s P_i P_s P_i C₇ P_s C... P_s P_r P_e P» P_e P» C- P_e C_r P_i P° P S P S C₁
C₁ P_μ C₇ C± P_μ P_i P_e C... P· P° C... P_i P_s C₇ C₇ P_i P° P S C₇ (C- C_e P_μ P_j C- C± P S P° C... P_i P_s C₇ P_s P± P°
C₁ P_μ C₇ C± C₁, C₁ P_μ C₇ C± P_μ P_i P° P S P_μ P_r P_s C₁ C, P° C, P S C- C₁ C, C₇), P° C, P° P_e P_s P_μ
P_i C₇ P_e P_μ P_j P° P» P_e P_i C- P_i P_μ C₇ C, P_μ C₇ P_j C- C± P S C- P_i C₇ P_μ P_i P° C₇ P° C, P_e.

P± C₁ P S C_r C" C- P_j P_s P_i C- C₇ P S C- C₁ C, C₇ C, P_s P_i P_s, C% P_s C, P_s P_e C₁ P_e C± P S P_e P_μ P_i P» P_e P_i
P_r P_s P_e C₁ P_s C₇ C_r P± C- C± P_e P S C_r C, P° C- P S C_e P_e C... P° P S C, C₇ P° C± P_e P_e P» C- P S C- P_i P° P± P_s
P° P S C, C₇ P° C± P_μ P S P_μ P_r C- P_s P S C- P_i P_j P_s P_μ P± C_r C, P_e P° P_r P_e C, P_e P_i P S P_e P_j.

P_μ P_s P S C, C₇ P_s P» C₇ C,, C₁ P S P_e C± C- C— C₁ P_μ C₇ C± C₁

P± C_r P S P_e C± C- C₇ C₁ P_μ C₇ C± C₁ P S P_μ P_s P± C... C- P_r P S P_s P_s C± C- P S C₇ P_i P° C, P_e P_r P_s
P_i P_s C± P° C, P_e C_r P» C- P_e C_r P_i P° P S P S C₁ P_r P_s P_e C₁ P_s C₇ C_r P± C- C± P_e P S P_s P_j, C₇ P_μ P_i C_r P» C₁ C₇ P S P_s

PePsPSC, C₇H₅PsP»C₇H₅PIP°C, Pë C₇ P₁C₇H₅PsC₇P₁CF₃C- P»C-PeC₇PIP°PSPSC₇, P° C, P°PePsP₇ P₁P₁μC₇H₅P₁μPIC-C₇H₅Cl₂C, Pë P₁C-C₇P»C₇ P·P°PeC-PSC₇P₁μPSPSC₇ C, P₁μC₇H₅P°P₁C-C- PrPsPeC₇PsC₇C₇P±C-C₇PëPSPsPj. P₇CF₃PSC₇C” C₇H₅PëP·PëPe C₇H₅PsP·PIPëC, PeC₇ P°PSC, C₇H₅P°C₇PëPeP»C-PS-C-PSP₇C₇PePsPIP°PSPsC- PeC₇PjC₇P»C₇Cl₂C, PëPIPS₇PsC- PrPsP·PsP·P°P»P₁μP₇PSPsC- PeP°C₇H₅PrC-PsPjC-PsP₁P°C, C-C-. P₇PsPjC₇ PjP°PeC₇PëPjP°P»CH₅PSP° PeC₇PjC₇P»C₇Cl₂C, PëPIPS° PrPsP·P° PSP₇ P₁PsPIPëPSPSP° P₁P₁μC₇H₅P₁μPIPëC%₇C₇PIP°C, Pë 450-550 PjP₇/Pj₇². P₇μC₇H₅Pë PrPsP·P°C... PIPëC%₇P₁ C₇CH₅PsPiPs C₇H₅C-PIPSC₇ C₇H₅PëP·PëPe C₇H₅PsP·PIPëC, PeC₇ C₇P₁μC₇H₅C₇P₁μPIP₇PsC- PSP₇PrPsC₇C, P°C, PSPsC₇C, C- P·PSP°C₇PSPs P₁C-PrPIPëC%₇C₇C, CH₅CF₃Cl₂. P”PsPeC₇PsC₇C₇P±C-C₇PëPS- C-PSP₇C₇PePsPIP°PSP° PeP°C₇H₅PrC-PsC, PsPeC₇PëC₇PSC-C₇C, CH₅ P·P°P·PIPëC₇P°P₇ C₇H₅PsP·PIPëPIP°C”C, CH₅CF₃Cl₂ P₁C-Pr C₇P°C₇ P»C-PeC₇PIP°PSPSC₇ P°P±Ps P₁C₇H₅PsC, Cl₂PiPsPj PrPIPsC... PjC-C₇Cl₂C₇C-PI P₁C-C₇P»C₇Cl₂ P₁C₇H₅PëP₁μPëPSP₇μPSPSC₇ P»C-PeC₇PIP°PSPSC₇, P°P»P₇ P±C₇P»Pë C- PIPëP₇P°PrPePë P₁C-P·PSC-C... C₇CF₃PeP»P°PrPSP₇μPSC₇ (PIC-Pr PrP₇μPeC-P»CH₅PePsC... PjC-C₇Cl₂C₇C-PI PrPs PrP₇μPeC-P»CH₅PePsC... C₇H₅PsPeC-PI P₁C-C₇P»C₇Cl₂ P»C-PeC₇PIP°PSPSC₇). P P₇μPePsPjP₇μPSP₇C₇C, CH₅CF₃Cl₂ P₁C₇H₅PsPiPsPrPëC, Pë P·P₇μP”- PrPsC₇P»C-PrP₇μPSPSC₇ PrPs C- P₁C-C₇P»C₇Cl₂ PePsP₇μPSPsPiPs PIP₇μPrP₇μPSPSC₇ P₁C₇H₅P₁μP°C₇H₅P°C, C₇. P₇Y°PeC- P·PjC-PSPë P·P₇μP”, Cl₂Pe PrP₇μP₁C₇H₅P₇μC₇C-Cl₂ P°P±Ps C-PSP₇μC₇C₇C-Cl₂ P·C₇P±C₇Cl₂ P₇, PrP₇μP₁C₇H₅P₇μC₇C-Cl₂ C₇P₇μPiPjP₇μPSC, P° SP₇ P°P±Ps P°C₇H₅PëC, PjC-C-, C” P·PIPëC₇P°P₇μPSPëPjPë PsP·PSP°PeP°PjPë PiPsC₇C, C₇H₅PsC-, P°P»P₇μ C, C₇H₅P°PSP·PëC, PsC₇H₅PSPsC- (PsP±PsC₇H₅PsC, PSPsC-) C, PsPeC₇PëC₇PSPsC- PrC-C- PrPsPeC₇PsC₇C₇P±C-C₇PëPSC₇ C- PSP₇μ C” P₁C-PrC₇C, P°PIP°PjPë PrP»C₇Cl₂ P₁C₇H₅PëP·C₇P₁μPëPSP₇μPSPSC₇ C, P₇μC₇H₅P°P₁C-C- P₁C₇H₅P₇μP°C₇H₅P°C, PsPj. P₇μC₇H₅PsC, P₇μ C₇C, C-P₇μPeP₇μ P·PSPëP₇μPSPSC₇ P°PjP₇μP»C-C, C₇PrPë PePsPjP₇μP»P₇μPeC₇C₇ QRS C- P₇μPrPsPIP₇μPSPSC₇ C₇PëC₇C, PsP»C-C₇PSPsPiPs C-PSC, P₇μC₇H₅PIP°P»C₇ PIP₇μP°P°C₇C, CH₅CF₃Cl₂ PsP·PSP°PeP°PjPë C₇H₅PsP·PIPëC, PeC₇ PeP°C₇H₅PrC-PsC, PsPeC₇PëC₇PSPëC... C₇C₇H₅P°P₇μPSC₇, C₇P₁C₇H₅PëC₇PëPSP₇μPSPëC... P°PSC, C₇H₅P°C₇PëPeP»C-PSP°PjPë. P₇μC₇H₅Pë P·PSPëP₇μPSPSC- PSP° 30 % P°PjP₇μP»C-C, C₇PrPë PePsPjP₇μP»P₇μPeC₇C₇ QRS P°P±Ps P·PjP₇μPSC₇μPSPSC- PSP° 5 % C, C₇H₅P°PeC₇C-C- PIPePsC₇H₅PsC₇P₇μPSPSC₇ P»C-PeC₇PIP°PSPSC₇ PrPsPeC₇PsC₇C₇P±C-C₇PëPSPsPj C₇H₅μPePsPjP₇μPSP₇C₇C, CH₅CF₃Cl₂ P₁C₇H₅PëP₁μPëPSPëC, Pë.

P₇μP°P₇μC...P°C₇H₅P°PeC, P₇μC₇H₅PSC-C₇PsC₇ PsP·PSP°PePsC₇ C₇H₅PëP·PëPeC₇ C₇H₅PsP·PIPëC, PeC₇ PeP°C₇H₅PrC-PsPjC-PsP₁P°C, C-C- C” P·PSPëP₇μPSPSC₇ P₇μP°P»Pë. P PëP·PëPe PjPsP₇μP₇ P±C₇C, Pë P·PjP₇μPSC₇μPSPëP₇μ C₇ C₇H₅P°P·C- C₇H₅P₇μP₁C₇P»C₇Cl₂H₅PSPsPiPs PjPsPSC-C, PsC₇H₅PëPSPiC₇ P₇μP°P»Pë P₁C₇H₅PsC, Cl₂PiPsPj PeC₇C₇C₇C₇ P»C-PeC₇PIP°PSPSC₇ C- PSP₇μPiP°P₇μPSPsPiPs P₁C₇H₅PëP₁μPëPSP₇μPSPSC₇ P·P°C₇C, PsC₇C₇PIP°PSPSC₇ P₁C₇H₅P₇μP°C₇H₅P°C, C₇ P₁C₇H₅Pë P₇μC₇H₅C₇PëC... PsP·PSP°PeP°C... P₇μPsPiC-C₇H₅C₇μPSPSC₇ C, C₇PrPSeC₇C-C- C₇P₇μC₇H₅C₇Cl₂. P₇μP°P»P₇μP₇μPSC- PeC-P»CH₅PeC-C₇PSC- PjP₇μC, PsPrPë PrP»C₇Cl₂ C₇H₅P₇μP₁C₇P»C₇Cl₂H₅PSPsC- PsC₇C-PSPëPë C, C₇PrPSeC₇C-C- C₇P₇μC₇H₅C₇Cl₂ (PIP₇μP»PëC₇PëPSPë P₇μP°P»Pë) PIPeP»C₇C₇P°C₇C, CH₅ P±P°PiP°C, PsPeP°PSP°P»CH₅PSC₇ C₇H₅P°PrC-PsC-P·PsC, PsP₇μPSC₇ P°PSPiC-PsPiC₇H₅P°C, C-C₇ (MUGA) P°P±Ps P₇μC...PsPeP°C₇H₅PrC-PsPiC₇H₅P°C, C-C₇ (P·C...PsP₇μP”). P P₇μPePsPjP₇μPSP₇μPIP°PSPs PsC₇C-PSPëC, Pë P₇μPsC₇P°C, PePsPIPëP₇μ C₇C, P°PS C₇P₇μC₇H₅C₇Cl₂ P·P° PrPsPiPsPjPsPiPsC₇ P·P₇μP” C, P° P±P°PiP°C, PsPeP°PSP°P»CH₅PSPsC- C₇H₅P°PrC-PsC-P·PsC, PsP₇μPSPsC- P°PSPiC-PsPiC₇H₅P°C, C-C- P°P±Ps P·C...PsP₇μP”, P·PsPeC₇H₅PjP° C₇ P₇μP°C₇C-C”PSC, C-PI, Cl₂PeC- PjP°C₇C, CH₅ C, P°PeC, PsC₇H₅Pë C₇H₅PëP·PëPeC₇ C₇H₅PsP·PIPëC, PeC₇ P₁C-PrPIPëC%₇P₇μPSPsC- PeP°C₇H₅PrC-PsC, PsPeC₇PëC₇PSPsC₇C, C-. P₇μPsP±C...C-PrPSP₇μ C₇H₅P₇μP₁C₇P»C₇Cl₂H₅PSP₇μ PIPëP·PSP°C₇P₇μPSPSC₇ P₇μP°P»Pë P·P° PrPsPiPsPjPsPiPsC₇ P±P°PiP°C, PsPeP°PSP°P»CH₅PSPsC- C₇H₅P°PrC-PsC-P·PsC, PsP₇μPSPsC- P°PSPiC-PsPiC₇H₅P°C, C-C- P°P±Ps P·C...PsP₇μP”, PsC₇P₇μP±P»PëPIPs P₁C₇H₅Pë P·P°C₇C, PsC₇C₇PIP°PSPSC- PIPëC₇PsPePëC... PeC₇PjC₇P»C₇Cl₂C, PëPIPS₇PëC... PrPsP·

P°PSC, CĤP°C†PēPeP»C-PSC-PI. P PμPiCfP»CĬCĤPSPēPNē PePsPSC, CĤPsP»CH C,, C†PSPeC†C-C— C†PμCĤC†CĬ P· PIPēPePsCĤPēC†C, P°PSPSCĬPj PIPeP°P·P°PSPēC... PjPμC, PsPrPēPe C†P»C-Pr PīCĤPsPIPsPrPēC, Pē PīCĤPsC, CĬPiPsPj C†C†CHPsPiPs PeC†CĤC†C† P»C-PeC†PIP°PSPSCĬ.

P†PjPsPIC-CĤPSC-C†C, CH CĤPsP·PIPēC, PeC† P—PŸPĳ, C%Ps PsC†C-PSCĤC”C, CHC†CĬ C† PjPμP¶P°C... PīCĤPēP±P»PēP·PSPs 1-2 % PīCĤPē P·P°C†C, PsC†C†PIP°PSPSC— PeC†PjC†P»CĬC, PēPIPSPsC— PrPsP·Pē 300 PjPi/Pj², PīPsPIC-P»CHPSPs P·CĤPsC†C, P°C” P·C- P·P±C-P»CHCēPμPSPSCĬPj P·P°PiP°P»CHPSPsC— PeC†PjC†P»CĬC, PēPIPSPsC— PrPsP·Pē PrPs 450-550 PjPi/Pj². P”P°P»C- CĤPēP·PēPe CĤPsP·PIPēC, PeC† P—PŸPĳ C†C, CĤC-PjPePs P·CĤPsC†C, P°C”, C, PsPjC† PSPμ CĤPμPePsPjPμPSPrC†C”C, CHC†CĬ PīPμCĤPμPIPēC%C†PIP°C, Pē PjP°PeC†PēPjP°P»CHPSC† PeC†PjC†P»CĬC, PēPIPSC† PrPsP·C† 550 PjPi/Pj².

PĳPμPsP±C...C-PrPSPs PīCĤPsPIPsPrPēC, Pē PrPsC†P»C-PrP¶PμPSPSCĬ PαP’P>Pē PrPs PīPsC†P°C, PeC† P»C-PeC†PIP°PSPSCĬ C, P° PīPsPIC, PsCĤCĤPIP°C, Pē PNēPsPiPs PīC-C†P»CĬ PePsP¶PSPsC— PeC†PjC†P»CĬC, PēPIPSPsC— PrPsP·Pē PīCĤPēP±P»PēP·PSPs 100 PjPi/Pj² C- PI CĤP°P·C- PIPēPSPēPePSPμPSPSCĬ PeP»C-PSC-C†PSPēC... PsP·PSP°Pe C†PμCĤC†PμPIPsC— PSPμPrPsC†C, P°C, PSPsC†C, C-. P—P°P·PIPēC†P°PNē P°P±C†PsP»CHC, PSPμ P·PjPμPSCēPμPSPSCĬ PαP’P>Pē PSP° ≥10 % P°P±Ps PSPēP¶C†Pμ 50 % C† PīP°C†C-C”PSC, C-PI P· PSPsCĤPjP°P»CHPSPēPjPē PīPsC†P°C, PePsPIPēPjPē P·PSP°C†PμPSPSCĬPjPē PαP’P>Pē C” PsP·PSP°PePsCĤ PīPsPiC-CĤCēPμPSPSCĬ C,, C†PSPeC†C-C— C†PμCĤC†CĬ. P PēP·PēPe PeP°CĤPrC-PsC, PsPeC†PēC†PSPsC†C, C- P·CĤPsC†C, P°C” C† PīP°C†C-C”PSC, C-PI, CĬPeC- CĤP°PSC-CēPμ PsC, CĤPēPjC†PIP°P»Pē PīCĤPsPjPμPSPμPIC† C, PμCĤP°PīC-CĤ PjPμPrC-P°C†C, PēPSP°P»CHPSPsC— P·PsPSPē, C† PīP°C†C-C”PSC, C-PI, CĬPeC- CĤP°PSC-CēPμ PsC, CĤPēPjC†PIP°P»Pē C-PSCēC- P°PSC, CĤP°C†PēPeP»C-PSPē C, P°/P°P±Ps P°PSC, CĤP°C†PμPSPrC-PsPSPē, C† PīP°C†C-C”PSC, C-PI PIC-PePsPj PIC-Pr 70 CĤPsPeC-PI P°P±Ps PIC-PePsPj PrPs 15 CĤPsPeC-PI, C† C...PIPsCĤPēC... C-P· C†PμCĤC†PμPIPēPjPē P·P°C...PIPsCĤCĤPIP°PSPSCĬPjPē PI P°PSP°PjPSPμP·C-. Pj C, P°PePēC... PIPēPīP°PrPeP°C... C†P»C-Pr P· PsP±PμCĤPμP¶PSC-C†C, CĤ PīCĤPēP·PSP°C†P°C, Pē PrPsPIPiPsC, CĤPēPIP°P»Pμ P»C-PeC†PIP°PSPSCĬ C-P· P·P°C†C, PsC†C†PIP°PSPSCĬPj PrPsPeC†PsCĤC†P±C-C†PēPSC†. P PēP·PēPe PIPēPSPēPePSPμPSPSCĬ PeP°CĤPrC-PsC, PsPeC†PēC†PSPsC†C, C- PjPsP¶Pμ P·CĤPsC†C, P°C, Pē C† PīP°C†C-C”PSC, C-PI, CĬPeC- PīCĤPsC...PsPrPēP»Pē PīPsPīPμCĤPμPrPSC” P°P±Ps C†C†PīC†C, PSC” P»C-PeC†PIP°PSPSCĬ C-P· P·P°C†C, PsC†C†PIP°PSPSCĬPj C-PSCēPēC... PīPsC, PμPSC†C-PNēPSPs PeP°CĤPrC-PsC, PsPeC†PēC†PSPēC... P·P°C†PsP±C-PI, PSP°PīCĤPēPeP»P°Pr PIPSC†C, CĤC-CēPSCĤPsPIPμPSPSPμ P·P°C†C, PsC†C†PIP°PSPSCĬ C†PēPeP»PsC,, PsC†C,, P°PjC-PrC† C† PIPēC†PsPePēC... PrPsP·P°C..., PīCĤPsPjPμPSPμPIP° C, PμCĤP°PīC-CĬ C† PrC-P»CĬPSC†C- C†PμCĤPμPrPsC†C, C-PSPSCĬ P°P±Ps P·P°C†C, PsC†C†PIP°PSPSCĬ C†PīPsP»C†Pe, C†PīPsCĤC-PrPSPμPSPēC... P· P°PSC, CĤP°C†PēPeP»C-PSP°PjPē, C, P°PePēC... CĬPe PrP°C†PSPsCĤC†P±C-C†PēPS.

PμPsPIC-PrPsPjP»CĬP»Pē PīCĤPs CĤPsP·PIPēC, PsPe C, CĬP¶PePsC— P°CĤPēC, PjC-C— PīC-Pr C†P°C† P°P±Ps C†PμCĤPμP· PrPμPeC-P»CHPeP° PīPsPrPēPS PīC-C†P»CĬ PIPμPrPμPSPSCĬ PrPsPeC†PsCĤC†P±C-C†PēPSC†.

P—PjC-PSPē C† PīPsPeP°P·PSPēPeP°C... P·PŸP”, C, P°PeC- CĬPe PrPμPīCĤPμC†C-CĬ P°P±Ps PSPμPiP°C, PēPIPSPēPNē P·C†P±PμC†CH PŸ, P·PSPēP¶PμPSPSCĬ C†PμPiPjPμPSC, P° S-T P°P±Ps P°CĤPēC, PjC-C—, P·P°P·PIPēC†P°PNē C” PsP·PSP°PeP°PjPē PīPsC†C, CĤPsPiPs, P°P»Pμ PePsCĤPsC, PePsC, CĤPēPIP°P»PsPiPs (PsP±PsCĤPsC, PSPsPiPs) C, PsPeC†PēC†PSPsPiPs PμC,, PμPeC, C† C, P° PSPμ PIPIP°P¶P°CHC, CHC†CĬ PīPsPeP°P·P°PSPSCĬPj PrPs PīCĤPēPīPēPSPμPSPSCĬ C, PμCĤP°PīC-C— C-P· P·P°C†C, PsC†C†PIP°PSPSCĬPj PrPsPeC†PsCĤC†P±C-C†PēPSC†. PhPrPSP°Pe P·PSPēP¶PμPSPSCĬ P°PjPīP»C-C, C†PrPē

PePsPjPīP»PμPeCfCf QRS C,P° PīPsPrPsPIP¶PμPSPSCf CfPēCfC,PSP»C-C†PSPsPiPs
C-PSC,PμCfPIP°P»Cf PIPIP°P¶P°CfC,ChCfCf P±C-P»ChC€PsCf PsP·PSP°PePsCf
P°PSC,CfP°C†PēPeP»C-PS-C-PSPrCfPePsPIP°PSPsC— PeP°CfPrC-PsC,PsPeCfPēC†PSPsCfC,C-.

PαP°PeC,PsCfPē CfPēP·PēPeCf CfPsP·PIPēC,PeCf PeP°CfPrC-PsC,PsPeCfPēC†PSPsCfC,C-
PIPeP»CfC†P°CfC,Ch P°PeC,PēPIPSC- P°P±Ps P»P°C,PμPSC,PSC- CfPμCfC†PμPIPs-
CfCfPrPēPSPSC- P·P°C...PIPsCfCfPIP°PSPSCf, CfP°PSC-C€Pμ PīCfPsPIPμPrPμPSCf P°P±Ps
CfCfPīCfC,PSCf PīCfPsPjPμPSPμPICf C,PμCfP°PīC-Cf CfPμCfPμPrPsCfC,C-PSPSCf C†Pē
PīPμCfPēPeP°CfPrC-P°P»ChPSPsC— P·PsPSPē, PīPsPīPμCfPμPrPSCf C,PμCfP°PīC-Cf
P°PSC,CfP°C†PēPeP»C-PSP°PjPē P°P±Ps P°PSC,CfP°C†PμPSPPrC-PsPSP°PjPē,
PsPrPSPsC†P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCf PīCfPμPīP°CfP°C,C-PI, P·PrP°C,PSPēC...
PīCfPēPiPSC-C†CfPIP°C,Pē CfPePsCfPsC,P»PēPICf C,,CfPSPeC†C-Cf CfPμCfC†Cf P°P±Ps
PeP°CfPrC-PsC,PsPeCfPēC†PSPēC... PīCfPμPīP°CfP°C,C-PI (PSP°PīCfPēPeP»P°Pr,
C,CfP°CfC,CfP·CfPjP°P±Cf). PhPSC,CfP°C†PēPeP»C-PSPē, Cf C,PsPjCf C†PēCfP»C-
PrPsPeCfPsCfP±C-C†PēPS, PSPμ CfP»C-Pr PīCfPēP·PSP°C†P°C,Pē PI
PePsPjP±C-PSP°C†C-C— P· C-PSC€PēPjPē PeP°CfPrC-PsC,PsPeCfPēC†PSPēPjPē
PīCfPμPīP°CfP°C,P°PjPē, PsPeCfC-Pj PIPēPīP°PrPeC-PI, PePsP»Pē C” PjPsP¶P»PēPIC-CfC,Ch
CfPμC,PμP»ChPSPsPiPs PePsPSC,CfPsP»Cf C,,CfPSPeC†C-C— CfPμCfC†Cf.
PμP°C†C-C”PSC,Pē, CfPeC- PsC,CfPēPjCfCfC,Ch P°PSC,CfP°C†PēPeP»C-PSPē PīC-CfP»Cf
PīCfPēPīPēPSPμPSPSCf P»C-PeCfPIP°PSPSCf C-PSC€PēPjPē
PeP°CfPrC-PsC,PsPeCfPēC†PSPēPjPē PīCfPμPīP°CfP°C,P°PjPē, PsCfPsP±P»PēPIPs P·
C,CfPēPIP°P»PēPj PīPμCfC-PsPrPsPj PSP°PīC-PIPIPēPIPμPrPμPSPSCf, C,P°PePēPjPē CfPe
C,CfP°CfC,CfP·CfPjP°P±, C,P°PePsP¶ PjPsP¶CfC,Ch PjP°C,Pē PīC-PrPIPēC‰PμPSPēPNē
CfPēP·PēPe CfPsP·PIPēC,PeCf PeP°CfPrC-PsC,PsPeCfPēC†PSPsCfC,C-.
PμPsPIC-PrPsPjP»CfP»PsCfCf, C‰Ps PīPμCfC-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSCf
C,CfP°CfC,CfP·CfPjP°P±Cf PIP°CfC-CfC”C,ChCfCf. PŷCfP°CfC,CfP·CfPjP°P± PjPsP¶Pμ
P·P°P»PēC€P°C,PēCfCf Cf CfPēCfC,PμPjC- PeCfPsPIPsPsP±C-PiCf PrPs 7 PjC-CfCfC†C-PI.
PŷPsPjCf P»C-PeP°CfCfPj CfP»C-Pr Cf CfP°P·C- PjPsP¶P»PēPIPsCfC,C-
CfC,CfPēPjCfPIP°C,PēCfCf PIC-Pr PīCfPēP·PSP°C†PμPSPSCf C,PμCfP°PīC-C— C-P·
P·P°CfC,PsCfCfPIP°PSPSCfPj P°PSC,CfP°C†PēPeP»C-PSC-PI PīCfPsC,CfPiPsPj
PīPμCfC-PsPrCf PrPs 7 PjC-CfCfC†C-PI PīC-CfP»Cf PīCfPēPīPēPSPμPSPSCf
P·P°CfC,PsCfCfPIP°PSPSCf C,CfP°CfC,CfP·CfPjP°P±Cf.

PīPeC‰Ps P°PSC,CfP°C†PēPeP»C-PSPē PīCfPēP·PSP°C†P°C,Pē CfP°PSC-C€Pμ C†ChPsPiPs
C,PμCfPjC-PSCf, CfP»C-Pr CfPμC,PμP»ChPSPs PePsPSC,CfPsP»CfPIP°C,Pē C,,CfPSPeC†C-Cf
CfPμCfC†Cf.

PαCfPSPeC†C-Cf CfPμCfC†Cf CfP»C-Pr PsCfPsP±P»PēPIPs CfPμC,PμP»ChPSPs
PePsPSC,CfPsP»CfPIP°C,Pē Cf PīP°C†C-C”PSC,C-PI, CfPeC- PsC,CfPēPjCfCfC,Ch
PIPēCfPsPeC- PeCfPjCfP»CfC,PēPIPSC- PrPsP·Pē, P° C,P°PePsP¶ Cf PīP°C†C-C”PSC,C-PI,
CfPeC- PjP°CfC,Ch C,,P°PeC,PsCfPē CfPēP·PēPeCf. PhPrPSP°Pe PrPsPeCfPsCfCfP±C-C†PēPS
PjPsP¶Pμ CfPīCfPēC†PēPSPēC,Pē PIPēPSPēPePSPμPSPSCf PīCfPsCfPIC-PI
PeP°CfPrC-PsC,PsPeCfPēC†PSPsCfC,C- C- PīCfPē P·P°CfC,PsCfCfPIP°PSPSC-
PSPēP·ChPePēC... PeCfPjCfP»CfC,PēPIPSPēC... PrPsP· P°P±Ps Cf PIC-PrCfCfC,PSPsCfC,C-
P·P°P·PSP°C†PμPSPēC... C,,P°PeC,PsCfC-PI CfPēP·PēPeCf.

Pj PrC-C,PμPNē C,P° PīC-PrP»C-C,PeC-PI PIPēC‰PēPNē CfPēP·PēPe PIPēPSPēPePSPμPSPSCf
PīCfPsCfPIC-PI PIC-PrPrP°P»PμPSPsC— PeP°CfPrC-PsC,PsPeCfPēC†PSPsCfC,C-
PIPSP°CfP»C-PrPsPe P·P°CfC,PsCfCfPIP°PSPSCf PrPsPeCfPsCfCfP±C-C†PēPSCf.
P’C-CfPsPiC-PrPSC-CfC,Ch PeP°CfPrC-PsC,PsPeCfPēC†PSPsCfC,C- Cf P¶C-PSPsPe
P±C-P»ChC€P°, PSC-P¶ Cf C†PsP»PsPIC-PeC-PI. P”P»Cf PePsPSC,CfPsP»Cf C,P°PePsPiPs
PIPīP»PēPICf PīCfPμPīP°CfP°C,Cf CfPμPePsPjPμPSPPrPsPIP°PSC- CfPμPiCfP»CfCfPSC-

PeP°CḡPrC-PsP»PsPiC-C†PSC- PsP±CḡC,PμP¶PμPSPSCḡ.

PŷPsPeCḡPēC†PSPēPNē PIPiP»PēPI PrPsPeCḡPsCḡCrP±C-C†PēPSCḡ C,P° C-PSCēPēC...
P°PSC,CḡP°C†PēPeP»C-PSC-PI P°P±Ps P°PSC,CḡP°C†PμPSPPrC-PsPSC-PI PjPsP¶Pμ P±CḡC,Pē
P°PrPēC,PēPIPSPēPj.

PŷPēPjPiC,PsPjPē CḡPμCḡC†PμPIPēC... P·P°C...PIPsCḡCḡPIP°PSCḡ PjPsP¶CḡC,Ch C,P°PePsP¶
PiCḡPsCḡPIP»CḡC,PēCḡCḡ Cr PīPμCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- Cr P¶C-PSPsPe, CḡPePēC...
Cḡ PjPēPSCḡP»PsPjCr P»C-PeCḡPIP°P»Pē PrPsPeCḡPsCḡCrP±C-C†PēPSPsPj (PIC-PePsPj PrPs 20
CḡPsPeC-PI), PSP°PIC-C,Ch CḡPeC%Ps CḡP°PSC-CēPμ PI PSPēC... PSPμ P±CḡP»Ps PsP·PSP°Pe
PīPsP±C-C†PSPēC... CḡPμP°PeC†C-PNē P· P±PsPeCḡ CḡPμCḡC†Cḡ. PμPsPIC-PrPsPjP»CḡP»Pē
PiCḡPs PIPēPIP°PrPePē P—PŷPḡ C,P° PSP°P±CḡCḡPeCḡ P»PμPiPμPSCḡ. P-C-PSPsPe, CḡPePēC...
Cḡ PjPēPSCḡP»PsPjCr P»C-PeCḡPIP°P»Pē PrPsPeCḡPsCḡCrP±C-C†PēPSPsPj PiCḡPē
PSP°CḡC,P°PSPSC- Cr PSPēC... PIP°PiC-C,PSPsCḡC,C-, PSPμPsP±C...C-PrPSPs
CḡPiPsCḡC,PμCḡC-PiP°C,Pē C%PsPrPs PīPsP±C-C†PSPēC... CḡPμP°PeC†C-PNē P· P±PsPeCḡ
CḡPμCḡC†Cḡ.

1 PjP» CḡPsP·C†PēPSCḡ PrPsPeCḡPsCḡCrP±C-C†PēPSCḡ PiC-PrCḡPsC...P»PsCḡPēPrCḡ 2
PjPi/PjP» PjC-CḡC,PēC,Ch 3,54 PjPi PSP°C,CḡC-Cḡ.

PḡC-C" P»PsCḡCḡPiCḡPμCḡC-Cḡ

PīPe C- CḡPμCēC,P° C†PēC,PsC,PsPeCḡPēC†PSPēC... PiCḡPμPiP°CḡP°C,C-PI,
PrPsPeCḡPsCḡCrP±C-C†PēPS PjPsP¶Pμ CḡPiCḡPēC†PēPSCḡC,Pē
PjC-C" P»PsCḡCḡPiCḡPμCḡC-Cḡ. PḡCḡPeC-P»ChPePē PiCḡPē C,PμCḡP°PiC-C—
PrPsPeCḡPsCḡCrP±C-C†PēPSPsPj C†P°CḡC,Ps CḡPiPsCḡC,PμCḡC-PiP°C"C,ChCḡCḡ
PiCḡPēPiPSC-C†PμPSPSCḡ C,,CḡPSPeC†C-C— PeC-CḡC,PePsPiPsPiPs PjPsP·PeCḡ,
PSPμPsP±C...C-PrPSPēPNē PjPsPSC-C,PsCḡPēPSPi PiPμPjP°C,PsP»PsPiC-C†PSPēC...
PīPsPeP°P·PSPēPeC-PI. PμCḡPē PePsPjP±C-PSPsPIP°PSC-PNē C...C-PjC-PsC,PμCḡP°PiC-C—
PjC-C" P»PsCḡCḡPiCḡPμCḡC-Cḡ PjPsP¶Pμ P±CḡC,Pē P±C-P»ChCē PIPēCḡP°P¶PμPSPsCḡ
PIPSP°CḡP»C-PrPsPe P°PrPēC,PēPIPSPsC— PrC-C— PiCḡPμPiP°CḡP°C,C-PI. PḡP°CḡC,C-CēPμ
P·P° PICḡPμ CḡPsP·PIPēPIP°C"C,ChCḡCḡ PSPμPNēC,CḡPsPiPμPSC-Cḡ, CḡC-PrCēPμ Bḡ"
C,CḡPsPjP±PsC†PēC,PsPiPμPSC-Cḡ C,P° P°PSPμPjC-Cḡ. P"PsP·PsP·P°P»PμP¶PSP°
PsP±PsCḡPsC,PSP° P»PμPNēPePsPiPμPSC-Cḡ C,P°/P°P±Ps PiCḡP°PSCḡP»PsC†PēC,PsPiPμPSC-Cḡ
(PSPμPNēC,CḡPsPiPμPSC-Cḡ) C" PsCḡPSPsPIPSPēPjPē PiCḡPsCḡPIP°PjPē
PiPμPjP°C,PsP»PsPiC-C†PSPsPiPs C,PsPeCḡPēC†PSPsPiPs PIPiP»PēPICḡ
PrPsPeCḡPsCḡCrP±C-C†PēPSCḡ C- PSP°PNēC†P°CḡC,C-CēPēPj PiPsCḡC,CḡPēPj
PrPsP·PsP»C-PjC-C,CḡCḡC†PēPj PμC,,PμPeC,PsPj PiCḡPμPiP°CḡP°C,Cḡ. PḡC-PSC-PjP°P»ChPSP°
PeC-P»ChPeC-CḡC,Ch C,,PsCḡPjPμPSPēC... PμP»PμPjPμPSC,C-PI PeCḡPsPIC-
CḡPiPsCḡC,PμCḡC-PiP°C"C,ChCḡCḡ C†PμCḡPμP· 10-14 PrC-P± PiC-CḡP»Cḡ
PIPIPμPrPμPSPSCḡ PrPsPeCḡPsCḡCrP±C-C†PēPSCḡ. P"PμPjP°C,PsP»PsPiC-C†PSC-
PīPsPeP°P·PSPēPePē P·P°P·PIPēC†P°PNē PSPsCḡPjP°P»C-P·CḡCḡ,ChCḡCḡ C†PμCḡPμP· 21
PrPsP±Cḡ PiC-CḡP»Cḡ PIPIPμPrPμPSPSCḡ PiCḡPμPiP°CḡP°C,Cḡ. PŷP°PePsP¶ PjPsP¶CḡC,Ch
PIPēPSPēPeP°C,Pē C,CḡPsPjP±PsC†PēC,PsPiPμPSC-Cḡ C,P° P°PSPμPjC-Cḡ.
PḡP»C-PSC-C†PSPēPjPē PiCḡPsCḡPIP°PjPē C,CḡP¶PePsC— PjC-C" P»PsCḡCḡPiCḡPμCḡC-C— C"
PiP°CḡCḡC†PeP°, C-PSC,,PμPeC†C-C—, CḡPμPiCḡPēCḡ/CḡPμPiC,PēC†PμPjC-Cḡ,
CḡPμPiC,PēC†PSPēPNē CēPsPe, PeCḡPsPiPsC,PμC†P°, C,PeP°PSPēPSPSP° PiC-PiPsPeCḡC-Cḡ.
PḡPsP¶P»PēPIPēPNē P»PμC,P°P»ChPSPēPNē PSP°CḡP»C-PrPsPe. P"PsPeCḡPsCḡCrP±C-C†PēPS
PSPμ CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pē PiCḡPē PSP°CḡPIPSPsCḡC,C-
PjC-C" P»PsCḡCḡPiCḡPμCḡC-C— C,CḡP¶PePsPiPs CḡC,CḡPiPμPSCḡ; PSPμPsP±C...C-PrPSPs
P·PjPμPSCēPēC,Pē PrPsP·Pē P°P±Ps PiCḡPēPiPēPSPēC,Pē PIPIPμPrPμPSPSCḡ.

P_лPsPSC, C_тPsP»CH P_iPsPeP°P·PSPëPeC-PI PeC_тPsPIC-. P_μP_μC_тP_μPr P_iPsC_†P°C, PePsPj
 PePsP_¶PSPsPiPs C_†PëPeP»C_† P»C-PeC_†PIP°PSPSC_¶ PSP_μPsP±C...C-PrPSPs C_тPsP±PëC, Pë
 PrPëC,, P_μC_тP_μPSC_†C-P°P»CH_бPSPëPN_б P°PSP°P»C-P· PeC_тPsPIC- PSP° C_тC-PIP_μPSC_т
 P»P_μPN_бPePsC_†PëC, C-PI, P_μC_тPëC, C_тPsC_†PëC, C-PI C, P° C, C_тPsPjP±PsC_†PëC, C-PI.
 P_μC_тPëPiPSC-C_†P_μPSPSC_¶ C,, C_†PSPeC_†C-C— PeC-C_†C, PePsPIP_μPsPiPs PjPsP·PeC_†,
 C_†PiC_тPëC_†PëPSP_μPSP_μ P·P°C_†C, PsC_†C_†PIP°PSPSC_¶Pj PrPsPeC_†PsC_тC_†P±C-C_†PëPSC_†
 PiC-PrC_тPsC...P»PsC_тPëPrC_†, PSP°C_†P°PjPiP_μC_тP_μPr PIPiP»PëPIP°C” PSP° PiPsPeP°P·PSPëPePë
 C_тC-PIPSC_¶ P»P_μPN_бPePsC_†PëC, C-PI. P C-PIP_μPSC_т P»P_μPN_бPePsC_†PëC, C-PI PIPëPjP°PiP°C”
 C_тP_μC, P_μP»CH_бPSPsPiPs PjPsPSC-C, PsC_тPëPSPiC_†, PsC_†PeC-P»CH_бPePë C, C_¶P_¶PeP_μ
 PiPsC_тC_†CëP_μPSPSC_¶ C,, C_†PSPeC_†C-C— PeC-C_†C, PePsPIP_μPsPiPs PjPsP·PeC_† PjPsP_¶P_μ
 PiC_тPëP·PIP_μC_†C, Pë PrPs PIPëPSPëPePSP_μPSPSC_¶ C_†C_†PiP_μC_тC-PSC,, P_μPeC_†C-PN_б C, P°
 PeC_тPsPIP_μSc, P_μC_†. P_тPsP_¶P»PëPIPëPN_б C_тPsP·PIPëC, PsPe C, C_¶P_¶PePsC—
 P»P_μPN_бPePsPiP_μPSC-C— C_† C_тP°P·C- P·P°C_†C, PsC_†C_†PIP°PSPSC_¶ PrPsP·,
 C_тP_μPePsPjP_μPSPPrPsPIP°PSPëC... PrP»C_¶ P»C-PeC_†PIP°PSPSC_¶ C_†PsP»C-PrPSPëC...
 PiC_†C...P»PëPS (PiC-Pr C_†P°C_† P»C-PeC_†PIP°PSPSC_¶ C-P· P·P°C_†C, PsC_†C_†PIP°PSPSC_¶Pj
 PiPsPIPSPsC— PrPsP·Pë PrPsPeC_†PsC_тC_†P±C-C_†PëPSC_† PiC-PrC_тPsC...P»PsC_тPëPrC_†
 PsC_†C-PeC_†C”C, CH_бC_†C_¶ C_тC-PIP_μPSC_т P»P_μPN_бPePsC_†PëC, C-PI 1000/PjPj³ P°P±Ps
 PjP_μPSCëP_μ). P»P_μPN_бPePsPiP_μPSC-C_¶ PSP°PN_бP±C-P»CH_бCëP_μ PiC_тPsC_¶IPiP»C_¶C”C, CH_бC_†C_¶
 PSP° 10-14-PN_б PrP_μPSC_т PiC-C_†P»C_¶ PiPsC_†P°C, PeC_† P»C-PeC_†PIP°PSPSC_¶, C_†
 P±C-P»CH_бCëPsC_†C, C- PIPëPiP°PrPeC-PI C_тC-PIP_μPSC_т P»P_μPN_бPePsC_†PëC, C-PI
 PiPsPIP_μC_тC, P°C”C, CH_бC_†C_¶ PrPs PSPsC_тPjPë PSP° 21-PN_б PrP_μPSC_т. P·C-PeC_†PIP°PSPSC_¶
 PSP_μ PjPsP_¶PSP° PiPsC_†PëPSP°C, Pë P°P±Ps PiC_тPsPrPsPIP_¶C_†PIP°C, Pë, C_¶PeC%_оPs
 C_тC-PIP_μPSC_т C_†P_μPiPjP_μPSC, PsC_¶PrP_μC_тPSPëC... PiC_тP°PSC_†P»PsC_†PëC, C-PI
 C_†C, P°PSPsPIPëC, CH_б PjP_μPSCëP_μ 2000/PjPj³. Pj C_тP°P·C- P»C-PeC_†PIP°PSPSC_¶
 PiPsC_†C, C_тPsPiPs P»P_μPN_бPePsP·C_† C_†P_μPN_б PiPsPeP°P·PSPëPe PjPsP_¶P_μ P±C_†C, Pë
 PjP_μPSCëPëPj, P·P°P»P_μP_¶PSPs PIC-Pr PsP±C_†C, P°PIPëPS. P_тC_тC-Pj C, PsPiPs,
 PSP_μPsP±C...C-PrPSPs C_тPsP±PëC, Pë C_тP_μPiC_†P»C_¶C_тPSP_μ PiP_μPjP°C, PsP»PsPiC-C_†PSP_μ
 PrPsC_†P»C-PrP_¶P_μPSPSC_¶ C_† P·Pi_бт^т C_¶P·PeC_† P· C_тPëP·PëPePsPj C_тPsP·PIPëC, PeC_†
 PIC, PsC_тPëPSPSPsPiPs P»P_μPN_бPePsP·C_† PiC-C_†P»C_¶ P»C-PeC_†PIP°PSPSC_¶ C-P·
 P·P°C_†C, PsC_†C_†PIP°PSPSC_¶Pj PiC_тPsC, PëPiC_†C...P»PëPSPSPëC... P·P°C_†PsP±C-PI.
 P P_μPjC-C_†C-C_¶ PiPsC_†C, C_тPsPiPs P»P_μPN_бPePsP·C_† PjPsP_¶P_μ PrPsC_†C_¶IPiP°C, PëC_†C_¶ C_†
 C_тP°P·C- PrC-P°PiPSPsC_†C, PëPePë PSP° C_тP°PSPSC-PN_б C_†C, P°PrC-C— C, P°
 P»C-PeC_†PIP°PSPSC_¶ P·P° PrPsPiPsPjPsPiPsC_т PIC-PrPiPsPIC-PrPSPsC— C_†C...P_μPjPë
 C...C-PjC-PsC, P_μC_тP°PiC-C—. PjPSP°C_†P»C-PrPsPe C, C_¶P_¶PePsC—
 PjC-C”P»PsC_†C_†PiC_тP_μC_†C-C— PjPsP_¶C_†C, CH_б C_тPsP·PIPëPIP°C, PëC_†C_¶ PeC_тPsPIP_μSc, P_μC_†C-
 P°P±Ps C_†C_†PiP_μC_тC-PSC,, P_μPeC_†C-C_¶, C%_оPs C_†PIC-PrC_†PëC, CH_б PiC_тPs
 PSP_μPsP±C...C-PrPSC-C_†C, CH_б P·PSPëP_¶P_μPSPSC_¶ PrPsP· P°P±Ps PiC_тPëP·C_†PiPëPSP_μPSPSC_¶
 C, P_μC_тP°PiC-C— PrPsPeC_†PsC_тC_†P±C-C_†PëPSPsPj.

PhC_†PeC-P»CH_бPePë PrPsPeC_†PsC_тC_†P±C-C_†PëPS PrC-C” C_¶Pe
 C-PjC_†PSPsC_†C_†PiC_тP_μC_†PsC_т, C_†P»C-Pr PIP_¶PëPIP°C, Pë P·P°C...PsPrPë PrP»C_¶
 P·P°PiPsP±C-PiP°PSPSC_¶ C_тPsP·PIPëC, PeC_† PIC, PsC_тPëPSPSPsC— C-PSC,, P_μPeC_†C-C—.

P’C, PsC_тPëPSPSPëPN_б P»P_μPN_бPePsP·. P’C, PsC_тPëPSPSPëPN_б P»P_μPN_бPePsP·, C-P·
 PiC_тP_μP»P_μPN_бPeP_μPjC-C_†PSPsC_т C,, P°P·PsC_т P°P±Ps P±P_μP· PSP_μC—,
 PIC-PrP·PSP°C_†P°PIC_†C_¶ C_† PiP°C_†C-C”PSC, C-PI, C_¶PeC- P»C-PeC_†PIP°P»PëC_†C_¶
 P°PSC, C_тP°C_†PëPeP»C-PSP°PjPë. P’C, PsC_тPëPSPSPëPN_б P»P_μPN_бPePsP· C_†P°C_†C, C-CëP_μ
 C_тPsP·PIPëPIP°C”C, CH_бC_†C_¶ C_† C_тP°P·C- P·P°C_†C, PsC_†C_†PIP°PSPSC_¶ C, P°PePëC...
 PiC_тP_μPiP°C_тP°C, C-PI C_† PePsPjP±C-PSP°C_†C-C— C-P· P”K_бт_б-
 PiPsCëPePsPrP_¶C_†C_тC_†PëPjPë P°PSC, PëPSP_μPsPiP»P°C_†C, PëC_†PSPëPjPë

P·P°CΓPsP±P°PjPë, PePsP»Pë PïP°C†C-C"°PSC,Pë C,CΠP¶PePs PïPμCḡPμPSPμCΓP»Pë
PïPsPïPμCḡPμPrPSC" P»C-PeCΓPIP°PSPSCΠ C†PëC,PsC,PsPeCΓPëC‡PSPëPjPë
PïCḡPμPïP°CḡP°C,P°PjPë P°P±Ps PïCḡPë PïC-PrPIPëC%PμPSPSC- PrPsP·
P°PSC,CḡP°C†PëPeP»C-PSC-PI. PμCḡPë C,P°PePëC... P»PμPNëPePsP·P°C...
P»P°C,PμPSC,PSPëPNë PïPμCḡC-PsPr PjPsP¶Pμ C,CḡPëPIP°C,Pë PIC-Pr 1 PrPs 3
CḡPsPeC-PI.

PμPsCḡC¿C€PμPSPSCΠ P· P±PsPeC¿C€P»C¿PSPePsPIPs-PePëC€PePsPIPsPiPs C,CḡP°PeC,C¿

P"PsPeCΓPsCḡC†P±C-C†PëPS PjP°C" PμPjPμC,PsPiPμPSPSC- PIP»P°CΓC,PëPIPsCΓC,C-
P—P°PïP°P»PμPSPSCΠ CΓP»PëP·PsPIPsC— PsP±PsP»PsPSPePë P°P±Ps CΓC,PsPjP°C,PëC,
P·P°P·PIPëC‡P°PNë PIPëPSPëPeP°CḡC,CH PSPμPIPrPsPIP·C- PïC-CΓP»CΠ PïPsC‡P°C,PeCΓ
P»C-PeCΓPIP°PSPSCΠ C- PI C,CΠP¶PePëC... PIPëPïP°PrPeP°C... PjPsP¶CΓC,CH
PïCḡPsPiCḡPμCΓC†PIP°C,Pë PrPs PIPëCḡP°P·PePë CΓP»PëP·PsPIPëC... PsP±PsP»PsPSPsPe
PïCḡPsC,CΠPiPsPj PrPμPeC-P»CHPePsC... PrPSC-PI. P'°C-P»CHC€C-CΓC,CH
PïP°C†C-C"°PSC,C-PI PsPrCΓP¶CΓC" PIC-Pr C†PëC... PïPsP±C-C‡PSPëC... PμC,,PμPeC,C-PI
PIPïCḡPsPrPsPIP¶ C,CḡPμC,CHPsPiPs C,PëP¶PSCΠ C,PμCḡP°PïC-C—
P"PsPeCΓPsCḡC†P±C-C†PëPS PSPμ CΓP»C-Pr PïCḡPëP·PSP°C‡P°C,Pë PïCḡPë
P·P°PïP°P»PμPSPSCΠC..., PIPëCḡP°P·PeP°C..., PrC-P°CḡPμC—.

PJ PïP°C†C-C"°PSC,C-PI C-P· PiPsCΓC,CḡPëPj PSPμP»C-PjC,,PsC†PëC,P°CḡPSPëPj
P»PμPNëPePsP·PsPj, CΠPeC- PïCḡPsC...PsPrCΠC,CH PeCΓCḡCΓ
PïPsP»C-C...C-PjC-PsC,PμCḡP°PïC-C—, PIPeP»CḡC‡P°CḡC‡Pë PrPsPeCΓPsCḡC†P±C-C†PëPS C-
C†PëC,P°CḡP°P±C-PS, PïCḡPsC,CΠPiPsPj 3 PrPSC-PI, PjPsP¶CΓC,CH
CΓPiPsCΓC,PμCḡC-PiP°C,PëCΓCΠ PIPëCḡP°P·PePë P°P±Ps PSPμPeCḡPsP· C,PsPICΓC,PsC—
PePëC€PePë. P|C- PïCḡPsCΠIPë PjPsP¶CΓC,CH PïCḡPëP·PIPμCΓC,Pë PrPs
P»PμC,P°P»CHPSPsPiPs PSP°CΓP»C-PrPeCΓ Cḡ CḡPμP·C†P»CHC,P°C,C- PiPμPjPsCḡP°PiC-C—
C,P° C-PSC,PμCḡPeCΓCḡPμPSC,PSPëC... C-PSC,,PμPeC†C-PNë.

P'°C,PsCḡPëPSPSC- PSPsPIPsC¿C,PIPsCḡPμPSPSCΠ C¿ CḡPsC,PsPIC-PNë PïPsCḡPsP¶PSPëPSC-

P'C†P»Pë PïPsPIC-PrPsPjP»PμPSPSCΠ PïCḡPs PrCΓP¶Pμ CḡC-PrPeC- PIPëPïP°PrPePë CḡP°PeCΓ
CḡPsC,PsPIPsC— PïPsCḡPsP¶PSPëPSPë C† PïP°C†C-C"°PSC,C-PI, CΠPeC- PïCḡPsC...PsPrPëP»Pë
C,CḡPëPIP°P»C† (P±C-P»CHC€Pμ 1 CḡPsPeC†) C,PμCḡP°PïC-Cḡ
PrPsPeCΓPsCḡC†P±C-C†PëPSPsPj P°P±Ps PsC,CḡPëPjC†PIP°P»Pë CΓC†PeCΓPïPSC† PrPsP·C†
PïCḡPμPïP°CḡP°C,C†, C%Ps PïPμCḡPμPIPëC%C†PIP°P»P° 720 PjPi/Pj². P'PëPïP°PrPePë
PIC,PsCḡPëPSPSPsPiPs CḡP°PeC† CḡPsC,PsPIPsC— PïPsCḡPsP¶PSPëPSPë
PrC-P°PiPSPsCΓC,C†PIP°P»Pë CΠPe PïC-Pr C‡P°C† P»C-PeCΓPIP°PSPSCΠ
PrPsPeCΓPsCḡC†P±C-C†PëPSPsPj, C,P°Pe C- PïCḡPsC,CΠPiPsPj 6 CḡPsPeC-PI PïC-CΓP»CΠ
P·P°CΓC,PsCΓC†PIP°PSPSCΠ PsCΓC,P°PSPSCHPsC— PrPsP·Pë. PμP°C†C-C"°PSC,C-PI CΓP»C-Pr
CḡPμPiC†P»CΠCḡPSPs PsP±CΓC,PμP¶C†PIP°C,Pë PSP° PSP°CΠIPSC-CΓC,CH PIPëCḡP°P·PePë
CḡPsC,PsPIPsC— PïPsCḡPsP¶PSPëPSPë P°P±Ps P±C†PrCH-CΠPePsPiPs
PrPëCΓPePsPjC,,PsCḡC,C†, CΠPePëPNë PjPsP¶Pμ CΓPIC-PrC‡PëC,Pë PïCḡPs PIC,PsCḡPëPSPSPëPNë
CḡP°Pe CḡPsC,PsPIPsC— PïPsCḡPsP¶PSPëPSPë.

PëPeC-CḡPSC- CḡPμP°PeC†C-C— C¿ PjC-CΓC†C- PIPIPμPrPμPSPSCΠ

PαP»PμP±PsCΓPeP»PμCḡPsP· PjPsP¶Pμ PIPëPSPëPeP°C,Pë PïCḡPë PIPIPμPrPμPSPSC- PI
PjP°P»C- PIPμPSPë P°P±Ps PïCḡPë PïPsPIC,PsCḡPSPsPjC† PIPIPμPrPμPSPSC- PI PsPrPSC† C-
C,C† P¶ PIPμPSC†. PŸC†PIPsCḡPμ PrPsC,CḡPëPjP°PSPSCΠ PICΓC,P°PSPsPIP»PμPSPsPiPs
CΓPiPsCΓPsP±C† PIPIPμPrPμPSPSCΠ P·PSPëP¶CΓC" CḡPëP·PëPe

C„P»PµP±C-C,Cr/C,CḡPsPjP±PsC„P»PµP±C-C,Cr Cr PjC-CḡC†C- PIPµPrPµPSPSCḡ.

P>PµPiPµPSPµPIP° C,PsPeCḡPēC‡PSC-CḡC,CH

Pj CḡP°P·C- PePsPjP±C-PSPsPIP°PSPsC— C...C-PjC-PsC,PµCḡP°PiC-C— P· C-PSC€PēPjPē C†PēC,PsCḡC,P°C,PēPeP°PjPē (PSP°PiCḡPēPeP»P°Pr, PiPµPjC†PēC,P°P±C-PSPsPj, P±P»PµPsPjC-C†PēPSPsPj, C,P°PeCḡP°PSP°PjPē P°P±Ps CḡPēC,CrPeCḡPēPjP°P±PsPj), Cr C,PsPjCr C‡PēCḡP»C- Cr PiPsC°PrPSP°PSPSC- P· PiCḡPsPjPµPSPµPIPsCḡ C,PµCḡP°PiC-C°Cḡ PSP° PrC-P»CḡPSPeCr CḡPµCḡPµPrPsCḡC,C-PSPSCḡ, P° C,P°PePsPḡ PiCḡPē P»C-PeCḡPIP°PSPSC- PiP°C†C-C°PSC,C-PI P·C- CḡC...PēP»CHPSC-CḡC,Cḡ PrPs P»PµPiPµPSPµPIPēC... P·P°C...PIPsCḡCḡPIP°PSCḡ PSPµPsP±C...C-PrPSPs PICḡP°C...PsPICḡPIP°C,Pē PjPsPḡP»PēPIC-CḡC,CH C,PsPeCḡPēC‡PSPsC— PrC-C— PrPsPeCḡPsCḡCrP±C-C†PēPSCr PSP° P»PµPiPµPSC-.

P°C-PiPµCḡCḡCḡPēPePµPjC-Cḡ

PiPe C- PiCḡPē P»C-PeCḡPIP°PSPSC- C-PSC€PēPjPē P°PSC,PēPSPµPsPiP»P°CḡC,PēC‡PSPēPjPē PiCḡPµPiP°CḡP°C,P°PjPē, PiCḡPē C,PµCḡP°PiC-C— PrPsPeCḡPsCḡCrP±C-C†PēPSPsPj C€PIPēPrPePēPḡ P»C-P·PēCḡ PiCrC...P»PēPSPē PjPsPḡPµ CḡPiCḡPēC‡PēPSPēC,Pē PiC-PiPµCḡCrCḡPēPePµPjC-Cḡ P· CḡPsP·PIPēC,PePsPj PiPsCḡC,CḡPsC— PiPsPrP°PiCḡPē P°P±Ps CrCḡP°C,PSPsC— PSPµC„CḡPsPiP°C,C-C—.

PkPµPsP±C...C-PrPSPs CḡPµPiCrP»CḡCḡPSPs PePsPSC,CḡPsP»CḡPIP°C,Pē CḡC-PIPµPSCḡ CḡPµC‡PsPIPsC— PePēCḡP»PsC,Pē Cr PeCḡPsPIC-. PµP°C†C-C°PSC,Pē PiPsPIPēPSPSC- PIPḡPēPIP°C,Pē PrPsCḡC,P°C,PSCH PeC-P»CHPeC-CḡC,CH CḡC-PrPēPSPē (PjC-PSC-PjCrPj 3 P»/Pj² PiPsPIPµCḡC...PSC- C,C-P»P° PSP° PrPsP±Cr). PµCḡPē PSPµPsP±C...C-PrPSPsCḡC,C- PjPsPḡPSP° P·P°CḡC,PsCḡPsPICḡPIP°C,Pē C-PSPiC-P±C-C,PsCḡPē PeCḡP°PSC,PēPSPsPeCḡPēPrP°P·Pē (P°P»PsPiCrCḡPēPSPsP»).

PµPsCḡCḡC€PµPSPSCḡ C„CḡPSPeC†C-C— PiPµC‡C-PSPePē

PḡCḡPeC-P»CHPePē PrPsPeCḡPsCḡCrP±C-C†PēPS PµPeCḡPeCḡPµC,CrC°C,CHCḡCḡ PiPµCḡPµPIP°PḡPSPs P· PḡPsPIC‡Cḡ, PiCḡPē PSP°CḡPIPSPsCḡC,C- PiPsCḡCrC€PµPSCḡ C„CrPSPeC†C-C— PiPµC‡C-PSPePē P°P±Ps PiPµC‡C-PSPePsPIPsC— PSPµPrPsCḡC,P°C,PSPsCḡC,C- PIPēPIPµPrPµPSPSCḡ PrPsPeCḡPsCḡCrP±C-C†PēPSCr PjPsPḡPµ CrPiPsPIC-P»CHPSCḡPIP°C,PēCḡCḡ, P° C,PsPeCḡPēC‡PSC- PµC„PµPeC,Pē Bḡ“ PiPsCḡPēP»CḡPIP°C,PēCḡCḡ. PḡPsPjCr PiPµCḡPµPr PiPsC‡P°C,PePsPj C- PI PiCḡPsC†PµCḡC- C,PµCḡP°PiC-C— CḡPµPePsPjPµPSPrCrC°C,CHCḡCḡ PiCḡPsPIPsPrPēC,Pē C„CrPSPeC†C-PsPSP°P»CHPSC- PiPµC‡C-PSPePsPIC- C,PµCḡC,Pē (PIPēP·PSP°C‡P°C,Pē CḡC-PIPµPSCḡ P°P»P°PSC-PSP°PjC-PSPsC,CḡP°PSCḡC„PµCḡP°P·Pē, P°CḡPiP°CḡC,P°C,P°PjC-PSPsC,CḡP°PSCḡC„PµCḡP°P·Pē, P»CrPḡPSPsC— C„PsCḡC„P°C,P°P·Pē C- P±C-P»C-CḡCrP±C-PSCr), PsCḡPeC-P»CHPePē PjPsPḡPµ P±CrC,Pē PSPµPsP±C...C-PrPSPēPj PePsCḡPēPiCrPIP°PSPSCḡ PrPsP·Pē. Pj PiP°C†C-C°PSC,C-PI C-P· PiC-PrPIPēC°PµPSPēPj CḡC-PIPSµPj P±C-P»C-CḡCrP±C-PSCr PjPsPḡPµ CḡPiPsCḡC,PµCḡC-PiP°C,PēCḡCḡ CrPiPsPIC-P»CHPSPµPSPēPḡ PeP»C-CḡPµPSCḡ PiCḡPµPiP°CḡP°C,Cr P·C- P·CḡPsCḡC,P°PSPSCḡPj P·P°PiP°P»CHPSPsC— C,PsPeCḡPēC‡PSPsCḡC,C-. P°P»Cḡ C,P°PePēC... PiP°C†C-C°PSC,C-PI CḡPµPePsPjPµPSPrPsPIP°PSPs P·PjPµPSC€PēC,Pē PrPsP·Pē PiCḡPµPiP°CḡP°C,Cr.B PµP°C†C-C°PSC,P°Pj C-P· C,CḡPḡPePsCḡ C„PsCḡPjPsCḡ PiPsCḡCrC€PµPSPSCḡ C„CrPSPeC†C-C— PiPµC‡C-PSPePē PSPµ CḡP»C-Pr PiCḡPēP·PSP°C‡P°C,Pē PrPsPeCḡPsCḡCrP±C-C†PēPS. PµPsPIC-PrPsPjP»CḡP»Pē PiCḡPs CḡPµCḡPḡPsP·PSCr PiPµPiP°C,PsC,PsPeCḡPēC‡PSC-CḡC,CH Cr PiP°C†C-C°PSC,C-PI C-P· PiPsPiPµCḡPµPrPSCḡPsCḡ PiCḡPsPjPµPSPµPIPsCḡ C,PµCḡP°PiC-C°Cḡ Cr

PjPμPrC-P°CΓC,PēPSP°P»CHPSC-PNē PrC-P»CΠPSC†C-, CΠPeP° C-PSPsPrC-
PīCḡPēP·PIPsPrPēP»P° PrPs P»PμC,P°P»CHPSPsPiPs PSP°CΓP»C-PrPeCr. P°Ps C,P°
PīC-Pr C†P°CΓ C,PμCḡP°PīC-C— C-P· P·P°CΓC,PsCΓC†PIP°PSPSCΠPj
PrPsPeCΓPsCḡC†P±C-C†PēPSC† CΓP»C-Pr PsC†C-PSCḡPIP°C,Pē P·P°PiP°P»CHPSPēPNē
CḡC-PIPμPSCḡ P±C-P»C-CḡC†P±C-PSC† C† PīP»P°P·PjC- PeCḡPsPIC-.

PαCžPSPeC†C-CΠ PSPēCḡPsPe

PμP°C†C-C°PSC,P°Pj C-P· C,CΠP¶PePēPjPē PīPsCḡC†PμPSPSCΠPjPē C,,C†PSPeC†C-C—
PSPēCḡPsPe PjPsP¶Pμ PīPsC,CḡPμP±C†PIP°C,PēCΓCΠ P·PSPēP¶PμPSPSCΠ PrPsP·Pē.
PμP°C†C-C°PSC,C-PI CΓP»C-Pr PīPsPiPμCḡPμPrP¶P°C,Pē, C%Ps PrPsPeCΓPsCḡC†P±C-C†PēPS
PjPsP¶Pμ P·P°P±P°CḡPIP»CḡPIP°C,Pē CΓPμC†C†B PI C†PμCḡPIPsPSPēPNē PePsP»C-Cḡ,
PsCΓPsP±P»PēPIPs PSPμP·P°P±P°CḡPsPj PīC-CΓP»CΠ PIPμPrPμPSPSCΠ. PīPμ PSPμ
PīPsPIPēPSPSPs PIPēPeP»PēPeP°C,Pē C† PSPēC... C,CḡPēPIPsPiC†.

P†PSCēPμ

P°PsPeCΓPsCḡC†P±C-C†PēPS PjPsP¶Pμ PīPsC,PμPSC†C-CḡPIP°C,Pē
C,PsPeCΓPēC†PSC-CΓC,CH C-PSCēPēC... PīCḡPsC,PēPīC†C...P»PēPSPSPēC...
PīCḡPμPīP°CḡP°C,C-PI. PμPsPIC-PrPsPjP»CΠP»PsCΓCΠ PīCḡPs PIPēPīP°PrPePē
P·P°PiPsCΓC,CḡPμPSPSCΠ PīPμPjPsCḡP°PiC-C†PSPsPiPs C†PēCΓC,PēC,C†,
CΓPīCḡPēC†PēPSPμPSPsPiPs C†PēPeP»PsC,,PsCΓC,,P°PjC-PrP°PjPē, C,P°
PīPsCΓPēP»PμPSPSCΠ PīPμPīP°C,PsC,PsPeCΓPēC†PSPsCΓC,C- 6-
PjPμCḡPeP°PīC,PsPīC†CḡPēPSC†. PŷP°PePsP¶ PIC-PrP·PSP°C†P°PIC†CΠ
C,PsPeCΓPēC†PSPēPNē PIPīP»PēPI PīCḡPsPjPμPSPμPIPsC— C,PμCḡP°PīC-C— (PSP°
PjC-PsPeP°CḡPr, CΓP»PēP·PsPIC- PsP±PsP»PsPSPePē, CēPeC-CḡC† C,P°
PīPμC†C-PSPeC†).

PīPe C- C† PIPēPīP°PrPeC† P·P°CΓC,PsCΓC†PIP°PSPSCΠ C-PSCēPēC...
C†PēC,PsC,PsPeCΓPēC†PSPēC... P·P°CΓPsP±C-PI, PīCḡPē P·P°CΓC,PsCΓC†PIP°PSPSC-
PrPsPeCΓPsCḡC†P±C-C†PēPSC† C-PSPePsP»Pē PIC-PrP·PSP°C†P°P»PēCΓCΠ PIPēPīP°PrPePē
C,CḡPsPjP±PsC,,P»PμP±C-C,C† C,P° C,CḡPsPjP±PsPμPjP±PsP»C-C†PSPēC... CΠIPēC%, C†
C,PsPjC† C†PēCΓP»C- PμPjP±PsP»C-C— P»PμPiPμPSPμPIPēC... P°CḡC,PμCḡC-PNē (C†
PrPμCΠPePēC... PIPēPīP°PrPeP°C... P»PμC,P°P»CHPSC-).

PŷPēPSPPrCḡPsPj P»C-P·PēCΓCž PīCžC...P»PēPS

P°PsPeCΓPsCḡC†P±C-C†PēPS PjPsP¶Pμ PIPēPeP»PēPeP°C,Pē PiC-PīPμCḡC†CḡPēPePμPjC-Cḡ
CΠPe PSP°CΓP»C-PrPsPe PμPeCΓC,PμPSC†PēPIPsPiPs PeP°C,P°P±PsP»C-P·PjC†
PīC†CḡPēPSC-PI, C%Ps CΓC†PīCḡPsPIPsPrP¶C†C" CēPIPēPrPePēPNē P»C-P·PēCΓ
PSPμPsPiP»P°CΓC,PēC†PSPēC... PeP»C-C,PēPS (CΓPēPSPPrCḡPsPj P»C-P·PēCΓC†
PīC†C...P»PēPSPē), C-PSP†C†PePsPIP°PSPēPNē PīCḡPμPīP°CḡP°C,PsPj. PŷPsPjC† PīC-CΓP»CΠ
PīPsC†P°C,PeC† P»C-PeC†PIP°PSPSCΠ PI PeCḡPsPIC- CΓP»C-Pr PIPēP·PSP°C†PēC,Pē
CḡC-PIPμPSCḡ CΓPμC†PsPIPsC— PePēCΓP»PsC,Pē, PeP°P»C-Cḡ, C,,PsCΓC,,P°C,C†
PeP°P»CHC†C-Cḡ C- PeCḡPμP°C,PēPSC-PSC†. P°C-PrCḡP°C,P°C†C-CΠ,
P°P»PeP°P»C-P·P°C†C-CΠ CΓPμC†C- C- PīCḡPsC,,C-P»P°PeC,PēPeP°
PiC-PīPμCḡC†CḡPēPePμPjC-C— P°P»PsPīC†CḡPēPSPsP»PsPj P·PIPsPrCΠC,CH PrPs
PjC-PSC-PjC†PjC† C-PjPsPIC-CḡPSC-CΓC,CH C†CΓPeP»P°PrPSPμPSCḡ CΓPēPSPPrCḡPsPjC†
P»C-P·PēCΓC† PeP»C-C,PēPS. Pj CḡP°P·C- PiC-PīPμCḡC†CḡPēPePμPjC-C—
PSPμPsP±C...C-PrPSPs CḡPsP·PīPsC†P°C,Pē P°PSC,PēPiC-PīPμCḡC†CḡPēPePμPjC-C†PSC†
C,PμCḡP°PīC-Cḡ. PkPμPsP±C...C-PrPSPs PePsPSC,CḡPsP»CḡPIP°C,Pē CḡC-PIPμPSCḡ

СГРµС±PSPIC— PеPеСГР»PSC,Pе СГ PиP»P°P·PjC- PеСГPSPIC-; PиP°СГC-C”PSC, PиPSPiPеPSPµPS
PIP¶PеPIP°C,Pе PrPSCГC,P°C,PSCГ PеC-P»CHPеC-СГC,CH СГC-PrPеPSPе (PrPSP±PSPiPеPNе
PjC-PSC-PjCГPj 3 P»/Pj²). PиPеC%Ps PSPµPSP±C...C-PrPSPs, PjPSP¶PSP° PIPiPµСГC,Pе
C-PSPiC-P±C-C,PSCГB PеСГP°PSC,PеPSPSPеСГPеPrP°P·Pе (P°P»PSPiCГPеPSPSP»).

P°P°PеCГPеPSP°СГC-СГ

P—P°СГC,PSCГCГPIP°PSPSCГ P¶PеPIPеC... P°P±Ps P¶PеPIPеC... PSCГP»P°P±P»PµPSPеC...
PIP°PеCГPеPS СГ PиP°СГC-C”PSC,C-PI C-P· PиPSCГP»P°P±P»PµPSPеPj C-PjCГPSC-C,PµC,PSPj
PIPSP°СГP»C-PrPSPe C...C-PjC-PSC,PµСГP°PiC-C—, СГ C,PSPjCГ CГPеСГP»C-
PrPSPеСГPSCГCГP±C-CГPеPSCГ, PjPSP¶Pµ PиСГPеP·PIPµСГC,Pе PrPSP СГPµСГPNеPSP·PSPеC...
P°P±Ps P»PµC,P°P»CHPSPеC... C-PSC,,PµPеCГC-PNе. PYP»C-Pr СГPSPеPеP°C,Pе
C%PµPиP»PµPSPSCГ P¶PеPIPSCГ PIP°PеCГPеPSPSCГ PиP°СГC-C”PSC,C-PI, СГPеC-
P·P°СГC,PSCГPSPiCГCГC,CH PrPSPеСГPSCГCГP±C-CГPеPS. PkPµPNеC,СГP°P»C-P·PSPiP°PSP°
P°P±Ps C-PSP°PеC,PеPIPSPiP°PSP° PIP°PеCГPеPSP° PjPSP¶Pµ P±CГC,Pе PиСГPеP·PSP°СГPµPSP°,
P°P»Pµ PIC-PrPиPSPIC-PrCH PSP° C,P°PеCГ PIP°PеCГPеPSP°СГC-CH PjPSP¶Pµ P±CГC,Pе
СГP»P°P±PеP°.

P·PjP±СГC-PSC,,PµC,P°P»CHPSP° C,PSPеСГPеCГPSC-СГC,CH

P”PSPеСГPSCГCГP±C-CГPеPS PjPSP¶Pµ СГPиСГPеCГPеPSCГC,Pе
PiPµPSPSC,PSPеСГPеCГPSC-СГC,CH. PµP°СГC-C”PSC,Pе CГPSP»PSPIC-CГPSC— C,P°
P¶C-PSPSCГPSC— СГC,P°C,C- PиPSPiPеPSPSC- PIPеPеPSCГPеСГC,PSPiCГPIP°C,Pе
PµC,,PµPеC,PеPIPSC- PjPµC,PSPPrPе PеPSPSC,СГP°СГPµPiCГC-C— PiC-Pr CГP°СГ C,P°
PiC-СГP»СГ P»C-PеCГPIP°PSPSCГ PrPSPеСГPSCГCГP±C-CГPеPSPSPj. PµP°СГC-C”PSC,P°Pj,
СГPеC- P±P°P¶P°CГC,CH PjP°C,Pе PrC-C,PµPNе PiC-СГP»СГ P·P°PIPµСГC€PµPSPSCГ
P»C-PеCГPIP°PSPSCГ, СГP»C-Pr СГPµPеPSPjPµPSPPrCГPIP°C,Pе PiPµPSPµC,PеCГPSPµ
PеPSPSCГCГP»CHC,CГPIP°PSPSCГ.

P’PSCзC,СГC-C€PSCHPSPjC-C...CзСГPSPiPµ PIPiPµPrPµPSPSCГ

PkСГPSP±P»PеPIPSC— PSP±PµСГPµP¶PSPSCГC,C- PиPSC,СГPµP±CГC” P»C-PеCГPIP°PSPSCГ
PrPSPеСГPSCГCГP±C-CГPеPSPSPj PiСГPе C-PSC,СГP°PIPµP·PеPеP°P»CHPSPSPjCГ
PIPIPµPrPµPSPSC-.

P’PSCГC,СГC-C€PSCHPSPjC-C...CГСГPSPiPµ PIPiPµPrPµPSPSCГ
PrPSPеСГPSCГCГP±C-CГPеPSCГ PjPSP¶Pµ PiСГPеP·PIPµСГC,Pе PrPSP PIPеPSPеPеPSPµPSPSCГ
СГPеPjPiC,PSPjC-PI C...C-PjC-CГPSPSPiPs CГPеСГC,PеC,CГ (C,P°PеPеC... СГPе PrPеP·CГСГC-СГ,
PиPSP»C-CГСГC-СГ, PSC-PеC,CГСГC-СГ, CГC,СГCГPrPSPµPSPµ
СГPµC±PSPiPеPiCГCГPеP°PSPSCГ, PiPµPjP°C,CГСГC-СГ, PIC-PrCГCГC,C,СГ
PrPеСГPеPSPjC,,PSCГC,CГ PI PrC-P»СГPSCГC- СГPµC±PSPiPSPiPs PjC-C...CГСГP°, PSPµPеСГPSP·
СГC,C-PSPеPе PjC-C...CГСГP°) C,P° СГPиP°P·PjCГ СГPµC±PSPiPSPiPs PjC-C...CГСГP°.
PkСГPSP±P»PеPICГ CГPIP°PiCГ СГP»C-Pr PiСГPеPrC-P»PеC,Pе PiСГPSP±P»PµPjP°Pj
PеP°C,PµC,PµСГPеP·P°СГC-C— (PSP°PiСГPеPеP»P°Pr, PiСГPе PSP±СГC,СГCГPеCГC-C—
CГСГPµC,СГPе P· PiСГPеCГPеPSPе PSP±PГ™ C”PjPSPеC...
PIPSCГC,СГC-C€PSCHPSPjC-C...CГСГPSPiPеC... PiCГC...P»PеPS). PµC-Pr CГP°СГ
PIPIPµPrPµPSPSCГ СГPSP·CГPеPSCГ PiСГPµPiP°СГP°C,CГ C- PSPPrСГP°P·CГ PiC-СГP»СГ
PNеPSPiPs PIPеPrP°P»PµPSPSCГB C-P· СГPµC±PSPiPSPiPs PjC-C...CГСГP°
СГPµPеPSPjPµPSPPrPSPiP°PSPs PiСГPSPiPµСГC,Pе СГPµC,PµP»CHPSPµ PiСГPSPjPеPIP°PSPSCГ
PiPµСГPеCГСГPµC,СГP°P»CHPSPSC— P·PSPSPе.

P’PSCзC,СГC-C€PSCHPSPjC-C...CзСГPSPiP° C,PµСГP°PiC-СГ PиPSPiPµСГC...PSPµPIPSPiPs

CḥP°PeCž CḥPμC†PsPIPsPiPs PjC-C...CžCḥP° C- PeP°CḥC†PëPSPsPjPë in situ

PḥPiC,PëPjP°P»CHḥPSP° C,CḥPëPIP°P»C-CḥC,CHḥ P»C-PeCḥPIP°PSPSCḥ PrPsC,PμPiPμCḥ PSPμ
PIPëP·PSP°C†PμPSP°, PIPsPSP° PjPsPḥPμ P±CḥC,Pë Cḥ PjPμPḥP°C... PIC-Pr 6 PrPs 12
PjC-CḥCḥC†C-PI. PμCḥPë PIPSCḥC,CḥC-CëPSCḥPsPjC-C...CḥCḥPsPIPsPjCḥ
P·P°CḥC,PsCḥCḥPIP°PSPSC- (PSP° PIC-PrPjC-PSCḥ PIC-Pr
PIPSCḥC,CḥC-CëPSCḥPsPIPμPSPSPsPiPs) PSPμPjP°C” PsP±PjPμPḥPμPSPSCḥ
PjP°PeCḥPëPjP°P»CHḥPSPsC— PeCḥPjCḥP»CḥC,PëPIPSPsC— PrPsP·Pë, PsCḥPeC-P»CHḥPePë Cḥ
C†CHḥPsPjCḥ PIPëPiP°PrPeCḥ CḥPëCḥC,PμPjPSP° P°P±CḥPsCḥP±C†C-Cḥ
PrPsPeCḥPsCḥCḥP±C-C†PëPSCḥ PrCḥPḥPμ PSPμP·PSP°C†PSP°.

P’PIPμPrPμPSPSCḥ Cḥ CḥPμC†PsPIPëPNḥ PjC-C...CḥCḥ PSPμ PiPsPeP°P·P°PSPμ
PiP°C†C-C”PSC,P°Pj P· C-PSPIP°P·PëPIPSPëPjPë PiCḥC...P»PëPSP°PjPë C-P·
PiCḥPsPSPëPePSPμPSPSCḥPj Cḥ CḥC,C-PSPeCḥ CḥPμC†PsPIPsPiPs PjC-C...CḥCḥP°,
C-PSC,,PμPeC†C-PNḥPSPëPjPë P·P°C...PIPsCḥCḥPIP°PSPSCḥPjPë CḥPμC†PsPIPëPIC-PrPSPëC...
CëP»CḥC...C-PI, P·P°PiP°P»CHḥPSPëPjPë P·P°C...PIPsCḥCḥPIP°PSPSCḥPjPë CḥPμC†PsPIPsPiPs
PjC-C...CḥCḥP°.

P”PsPeCḥPsCḥCḥP±C-C†PëPS PSPμ PjPsPḥPSP° P·P°CḥC,PsCḥPsPICḥPIP°C,Pë
C-PSC,CḥP°C,PμPeP°P»CHḥPSPs, PIPSCḥC,CḥC-CëPSCḥPsPjḥḥ™ CḥP·PsPIPs P°P±Ps
PiC-PrCëPeC-CḥPSPs. P”PsPeCḥPsCḥCḥP±C-C†PëPS PSPμ CḥP»C-Pr P·PjC-CëCḥPIP°C,Pë P·
C-PSCëPëPjPë P»C-PeP°CḥCḥCḥPePëPjPëB P·P°CḥPsP±P°PjPë.

P’PSCžC,CḥC-CëPSCḥPsP°CḥC,PμCḥC-P°P»CHḥPSPμ P·P°CḥC,PsCḥCžPIP°PSPSCḥ
PrPsPeCḥPsCḥCḥP±C-C†PëPSCḥ (C,CḥP°PSCḥPeP°C,PμC,PμCḥPSP° P°CḥC,PμCḥC-P°P»CHḥPSP°
PμPjP±PsP»C-P·P°C†C-Cḥ) CḥPμPePsPjPμPSPḥCḥC,CHḥCḥCḥ PrP»Cḥ
P»PsPeP°P»C-P·PsPIP°PSPsC— P°P±Ps CḥPμPiC-PsPSP°P»CHḥPSPsC— C,PμCḥP°PiC-C—
PiPμCḥPIPëPSPSPsC— PiPμPiP°C,PsC†PμP»CHḥP»CḥCḥPSPsC— PeP°CḥC†PëPSPsPjPë P°P±Ps
PjPμC,P°CḥC,P°P·C-PI Cḥ PiPμC†C-PSC†C-. P’PSCḥC,CḥC-CëPSCḥPsP°CḥC,PμCḥC-P°P»CHḥPSPμ
PIPIPμPrPμPSPSCḥ PjPsPḥPμ CḥPiCḥPëC†PëPSPëC,Pë (PsPeCḥC-Pj PiCḥPsCḥPIC-PI
CḥPëCḥC,PμPjPSPsC— C,PsPeCḥPëC†PSPsCḥC,C-, CḥPeC-CḥPSPs PiPsPrC-P±PSPëC... PrPs
C,PëC..., C°%Ps CḥPiPsCḥC,PμCḥC-PiP°CḥC,CHḥCḥCḥ PiCḥPë
PIPSCḥC,CḥC-CëPSCḥPsPIPμPSPSPsPjCḥ PIPIPμPrPμPSPSC- PrPsPeCḥPsCḥCḥP±C-C†PëPSCḥ)
PIPëCḥP°P·PePë CëP»CḥPSPeP° C,P° PrPIP°PSP°PrC†CḥC,PëPiP°P»PsC— PePëCëPePë
(PIC-CḥPsPiC-PrPSPs, Cḥ CḥPμP·CḥP»CHḥC,P°C,C- CḥPμC,,P»CHḥPeCḥCḥ PiCḥPμPiP°CḥP°C,Cḥ PI
P°CḥC,PμCḥC-C— CëP»CḥPSPeP°) C,P° P·PICḥPḥPμPSPSCḥ PḥPsPIC†PSPëC... PiCḥPsC,PsPeC-PI
PIPSP°CḥP»C-PrPsPe PjPμPrPëPeP°PjPμPSC,PsP·PSPs C-PSPrCḥPePsPIP°PSPsPiPs
CḥPeP»PμCḥPsP·PëPIPSPsPiPs C...PsP»P°PSPiC-C,Cḥ. PjPμPNḥ CëP»CḥC... PIPIPμPrPμPSPSCḥ
PjPsPḥPμ PiCḥPëP·PIPμCḥC,Pë PrPs PiPsCëPëCḥPμPSPsPiPs PSPμPeCḥPsP·Cḥ C,PeP°PSPëPS Cḥ
P·PsPSC- PiPμCḥC,,CḥP·C-C—.

PḥP°PSC†PμCḥPsPiPμPSPμP·, PjCžC,P°PiPμPSPμP·, PiPsCḥCžCëPμPSPSCḥ
C,,PμCḥC,PëP»CHḥPSPsCḥC,C-. P”PsPeCḥPsCḥCḥP±C-C†PëPS PiCḥPsCḥPIP»CḥPI
PiPμPSPsC,PsPeCḥPëC†PSC- C,P° PjCḥC,P°PiPμPSPSC- PIP»P°CḥC,PëPIPsCḥC,C- Cḥ
C,PμCḥC,P°C... *in vitro* C,P° *in vivo*.

P—P°CḥC,PsCḥCžPIP°PSPSCḥ Cž PiPμCḥC-PsPr PIP°PiC-C,PSPsCḥC,C- P°P±Ps
PiPsPrCžPIP°PSPSCḥ PiCḥCžPrPrCḥ.

PḥPμCḥC,PëP»CHḥPSC-CḥC,CHḥ

P-C-PSPePë

PJ P¶C-PSPsPe PrPsPeC¶PsC¶P±C-C†PëPS PjPsP¶Pµ C¶P¶C¶PëC±PëPSC¶C,Pë
P±PµP·P¶P»C-PrPrC¶ P¶C¶PsC,C¶P¶Pj P¶PµC¶C-PsPrC¶ P·P°C¶C,PsC¶C¶PIP°PSPSC¶
P¶C¶PµP¶P°C¶P°C,C¶. P”PsPeC¶PsC¶P±C-C†PëPS PjPsP¶Pµ C¶P¶C¶PëC±PëPSC¶C,Pë
P°PjPµPSPsC¶PµC¶ C- P±PµP·P¶P»C-PrPrC¶. PhPIC¶P»C¶C†C-C¶ C,P°
PjPµPSC¶C,C¶C¶P°P»CHPSPëPµ C†PëPeP» P¶PsPIPµC¶C,P°C¶C,CHC¶C¶ PrPs PSPsC¶PjPë
P¶C-C¶P»C¶ P·P°PIPµC¶C¶PµPSPSC¶ C,PµC¶P°P¶C-C—, C...PsC±P° PjPsP¶P»PëPIPµ
P¶PµC¶PµPrC±P°C¶PSPµ PSP°C¶C,P°PSPSC¶ PjPµPSPsP¶P°C¶P·Pë.

P§PsP»PsPIC-PePë

P”PsPeC¶PsC¶P±C-C†PëPS P¶C¶PsC¶PIP»C¶C” PjC¶C,P°P¶PµPSPSC- PIP»P°C¶C,PëPIP¶C¶C,C-
C- PjPsP¶Pµ C¶P¶C¶PëC±PëPSC¶C,Pë P¶PsC¶PePsPrP¶PµPSPSC¶ C...C¶PsPjPsC¶Pj C¶
C¶P¶PµC¶PjP°C,PsP·PsC—PrP°C... P»CHPrPëPSPë. PhP»C-P¶PsC¶P¶PµC¶PjC-C¶ P°P±Ps
P°P·PsPsC¶P¶PµC¶PjC-C¶ PjPsP¶C¶C,CH P±C¶C,Pë P¶PsC¶C,C-PµPSPëPjPë, PsPrPSP°Pe
P¶PsPIC-PrPsPjP»C¶P»PsC¶C¶, C°Ps PeC-P»CHPeC-C¶C,CH C¶P¶PµC¶PjP°C,PsP·PsC—PrC-PI
C¶ PrPµC¶PePëC... PIPëP¶P°PrPeP°C... P¶PsPIPµC¶C,P°P»P°C¶C¶ PrPs PSPsC¶PjPë. P¶Pµ
PjPsP¶Pµ PIC-PrP±C¶PIP°C,PëC¶C¶ C±PµC¶PµP· PeC-P»CHPeP° C¶PsPeC-PI P¶C-C¶P»C¶
P·P°PIPµC¶C¶PµPSPSC¶ C,PµC¶P°P¶C-C—.

P† C±PsP»PsPIC-PeP°Pj, C- P¶C-PSPeP°Pj PrPs P¶PsC±P°C,PeC¶ P»C-PeC¶PIP°PSPSC¶ C¶P»C-Pr
P·PIPµC¶PSC¶C,PëC¶C¶ P·P° PePsPSC¶C¶P»CHC,P°C†C-C”CH C°PsPrPs
P·P±PµC¶PµP¶PµPSPSC¶ C,,PµC¶C,PëP»CHPSPsC¶C,C-.

P°P¶C-C,PSC-C¶C,CH

P”PsPeC¶PsC¶P±C-C†PëPS P¶C¶PsC,PëP¶PsPeP°P·P°PSPëPµB P¶C¶PsC,C¶P¶Pj 1
C,C¶PëPjPµC¶C,C¶C¶ PIP°P¶C-C,PSPsC¶C,C-, P° C,P°PePsP¶ P¶C¶PsC,C¶P¶Pj 2 C,P° 3
C,C¶PëPjPµC¶C,C¶C¶ PIP°P¶C-C,PSPsC¶C,C-, PsPeC¶C-Pj PIPëP¶P°PrPeC-PI C¶PIPSPsC—
PSPµPsP±C...C-PrPSPsC¶C,C-, P»PëC¶Pµ C¶ C¶P°P·C- C¶C¶PIP¶C¶PëC... P¶PsPeP°P·P°PSC¶, P°
PePsC¶PëC¶C,CH PrP»C¶ PjP°C,PµC¶C- P·PIP°P¶C¶C”C,CHC¶C¶ P· C¶C¶P°C...C¶PIP°PSPSC¶Pj
PjPsP¶P»PëPIP¶Ps C¶PëP·PëPeC¶ PrP»C¶ P¶P»PsPrP°.

PJ PrPsC¶P»C-PrP¶PµPSPSC¶C... *in vivo* C,P° *in vitro* P¶C-PrC,PIPµC¶PrP¶PµPSPs
PµPjP±C¶C-PsC,PsPeC¶PëC±PSC-C¶C,CH PrPsPeC¶PsC¶P±C-C†PëPSC¶.

PJ PrPsC¶P»C-PrP¶PµPSPSC¶C... PSP° C,PIP°C¶PëPSP°C... PrPsPeC¶PsC¶P±C-C†PëPS,
P¶C¶PsPrPµPjPsPSC¶C,C¶C¶PIP°PI C¶PµP¶C¶PsPrC¶PeC,PëPIPSC¶ C,PsPeC¶PëC±PSC-C¶C,CH,
PI C,PsPjC¶ C±PëC¶P»C- PIP°PrPë C¶PsP·PIPëC,PeC¶ P¶P»PsPrP°.

P¶PeC°Ps P¶C-PSPeP° PsC,C¶PëPjC¶C” PrPsPeC¶PsC¶P±C-C†PëPS C¶ P¶PµC¶C-PsPr
PIP°P¶C-C,PSPsC¶C,C- P°P±Ps PIP°P¶C-C,PSC-C” C¶ P¶PµC¶C-PsPr P»C-PeC¶PIP°PSPSC¶, C—C—
C¶P»C-Pr P¶PsP¶PµC¶PµPrPëC,Pë P¶C¶Ps P¶PsC,PµPSC†C-PµPSC¶ P·P°P¶C¶PsP·C¶ PrP»C¶
P¶P»PsPrP°.

PµP°C†C-C”PSC,P°Pj, C¶PeC- P±P°P¶P°C¶C,CH PjP°C,Pë PrC-C,PµPµ P¶C-C¶P»C¶
P·P°PeC-PSC±PµPSPSC¶ P»C-PeC¶PIP°PSPSC¶, C¶PµPePsPjPµPSP¶C¶C”C,CHC¶C¶
P¶PµPSPµC,PëC±PSP° PePsPSC¶C¶P»CHC,P°C†C-C¶.

*P-C-PSPePë C¶PµP¶C¶PsPrC±PeC,PëPIPSPsPiPs PIC-PeC±/PµPsPSC,C¶P°C†PµP¶C†C-C¶ C±
C±PsP»PsPIC-PeC-PI C,P° P¶C-PSPsPe*

P-C-PSPePë CḡPμPīCḡPsPrCfPeC,PëPIPSsPiPs PIC-PeCf PīPsPIPëPSPSC- CfPSPëPeP°C,Pë
PIP°PiC-C,PSpScfC,C- C,P° PIPëPePsCḡPëCfC,PsPICfPIP°C,Pë PμC,,PμPeC,PëPIPS-
PjPμC,PsPrPë PePsPSC,CḡP°C†PμPīC†C-C— PīC-Pr C‡P°Cf P»C-PeCfPIP°PSPSCḡ
PrPsPeCfPsCḡCfP±C-C†PëPSPsPj C,P° PīCḡPsC,CḡPiPsPj C%PsPSP°PNëPjPμPSC€Pμ 6
PjC-CfCḡC†C-PI C- 10 PrPSC-PI PīC-CfP»Cḡ PīCḡPëPNëPsPjCf PsCfC,P°PSPSCHbPsC—
PrPsP·Pë.

P§PsP»PsPIC-PePë P· P¶C-PSPeP°PjPë-PīP°CḡC,PSpμCḡPeP°PjPë
CḡPμPīCḡPsPrCfPeC,PëPIPSsPiPs PIC-PeCf PīPsPIPëPSPSC- P±CfC,Pë
PīCḡPsC-PSC,,PsCḡPjPsPIP°PSC- PīCḡPs PIPëPePsCḡPëCfC,P°PSPSCḡ
PμC,,PμPeC,PëPIPSPëC... PjPμC,PsPrC-PI PePsPSC,CḡP°C†PμPīC†C-C— PīCḡPsC,CḡPiPsPj
P»C-PeCfPIP°PSPSCḡ PrPsPeCfPsCḡCfP±C-C†PëPSPsPj C,P° C%PsPSP°PNëPjPμPSC€Pμ
3 PjC-CfCḡC†C-PI C,P° 10 PrPSC-PI PīC-CfP»Cḡ PīCḡPëPNëPsPjCf
PsCfC,P°PSPSCHbPsC— PrPsP·Pë.

PμPμCḡC-PsPr PīPsPrCžPIP°PSPSCḡ PīCḡCžPrPrCḡ

P"PsPeCfPsCḡCfP±C-C†PëPS PīCḡPsPSPëPeP°C" Cf PīCḡCfPrPSPμ PjPsP»PsPePs. P§PμCḡPμP·
PjPsP¶P»PëPIC-CfC,Ch PIPëPSPëPePSPμPSPSCḡ CfPμCḡPNëPsP·PSPëC... PīPsP±C-C‡PSPëC...
CḡPμP°PeC†C-PNë, CfPīCḡPëC‡PëPSPμPSPëC... PrPsPeCfPsCḡCfP±C-C†PëPSPsPj Cf
PSPμPjPsPIP»CḡC,, CḡPeC- PīPμCḡPμP±CfPIP°CḡC,Ch PSP° PīCḡCfPrPSPsPjCf
PiPsPrCfPIP°PSPSC-, P¶C-PSPeP°Pj CfP»C-Pr CfC,CḡPëPjCfPIP°C,PëCfCḡ PIC-Pr
PiPsPrCfPIP°PSPSCḡ PīCḡCfPrPrCḡ PīCḡPsC,CḡPiPsPj P»C-PeCfPIP°PSPSCḡ
PrPsPeCfPsCḡCfP±C-C†PëPSPsPj C- PīCḡPëPSP°PNëPjPSC- 10 PrPSC-PI PīC-CfP»Cḡ
PīCḡPëPNëPsPjCf PsCfC,P°PSPSCHbPsC— PrPsP·Pë.

*P—PrP°C,PSC-CfC,Ch PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CfC,Ch CḡPμP°PeC†C-C— PīCḡPë
PePμCḡCžPIP°PSPSC- P°PIC,PsC,CḡP°PSCfPīPsCḡC,PsPj P°P±Ps C-PSC€PëPjPë
PjPμC...P°PSC-P·PjP°PjPë.*

P"PsPeCfPsCḡCfP±C-C†PëPS PjPsP¶Pμ PSPμP·PSP°C‡PSPs P°P±Ps PīPsPjC-CḡPSPs
PIPiP»PëPIP°C,Pë PSP° P·PrP°C,PSC-CfC,Ch PePμCḡCfPIP°C,Pë P°PIC,PsPjPsP±C-P»PμPj C‡Pë
PīCḡP°C†CḡPIP°C,Pë P· C-PSC€PëPjPë PjPμC...P°PSC-P·PjP°PjPë.

PŸPīPsCfC-P± P·P°CfC,PsCfCžPIP°PSPSCḡ C,P° PrPsP·Pë.

P"PsPeCfPsCḡCfP±C-C†PëPS-P'C-CfC,P° CfP»C-Pr PIPiPsPrPëC,Pë C,C-P»ChPePë PīC-Pr
PSP°PiP»CḡPrPsPj PePIP°P»C-C,,C-PePsPIP°PSPsPiPs P»C-PeP°CḡCḡ P· PIPμP»PëPePëPj
PrPsCfPIC-PrPsPj C†PëC,PsC,PsPeCfPëC‡PSPsPiPs P»C-PeCfPIP°PSPSCḡ. PḡCḡC-Pj C,PsPiPs,
PSPμPsP±C...C-PrPSPs P·PrC-PNëCfPSCḡPIP°C,Pë CḡPμC,PμP»ChPSPëPNë
PjPsPSC-C,PsCḡPëPSPi CfC,P°PSCf PīP°C†C-C"PSC,P° PīC-Pr C‡P°Cf P»C-PeCfPIP°PSPSCḡ.

P§PμCḡPμP· CḡPëP·PëPe P»PμC,P°P»ChPSPsC— PeP°CḡPrC-PsPjC-PsPīP°C,C-C— PīPμCḡPμPr
PePsP¶PSPëPj P·P°CfC,PsCfCfPIP°PSPSCḡPj PSPμPsP±C...C-PrPSPs P·PIP°P¶CfPIP°C,Pë
CḡPëP·PëPe C,P° PePsCḡPëCfC,Ch C-PSPrPëPIC-PrCfP°P»ChPSPs PrP»Cḡ PePsP¶PSPsPiPs
PīP°C†C-C"PSC,P°.

PμPμCḡPμPr PīPsC‡P°C,PePsPj P»C-PeCfPIP°PSPSCḡ CḡPμPePsPjPμPSPPrPsPIP°PSPs
P·CḡPsP±PëC,Pë PīPμC‡C-PSPePsPIC- PīCḡPsP±Pë, C,P°PeC- CḡPe PḡCfPḡPŸ

(P°CÍPíP°CĤC,P°C,P°PjC-PSPsC,CĤP°PSCÍC„PμCĤP°P·P°), PĥP»PĥPŷ
(P°P»P°PSC-PSP°PjC-PSPsC,CĤP°PSCÍC„PμCĤP°P·P°), P>Pα (P»CÍP¶PSP° C„PsCÍC„P°C,P°P·P°)
C,P° P±C-P»C-CĤCÍP±C-PS, P° C,P°PePsP¶ PsC†C-PSPëC,Pë C„CÍPSPeC†C-CĤ PSPëCĤPsPe.

PŸP»C-Pr PíCĤPsPIPμCÍC,Pë P°PSP°P»C-P· C„CĤP°PeC†C-C— PIPëPePëPrCÍ P»C-PIPsPiPs
CëP»CÍPSPsC†PeP° P·P° PrPsPiPsPjPsPiPsCĤ CÍP»CĤC,CĤP°P·PICÍPeCÍ P°P±Ps
CÍC†PëPSC,PëPiCĤP°C„C-C— PjC-PsPeP°CĤPrP° P·P°PrP»C¶ PsC†C-PSPePë CÍC,P°PSCÍ
CÍPμCĤC†C¶ PíP°C†C-C°PSC,P°. PíCĤ PíCĤPsC†PμPrCÍCĤCÍ CÍP»C-Pr PíCĤPsPIPPrPëC,Pë
PíPμCĤPμPr PíPsC†P°C,PePsPj P»C-PeCÍPIP°PSPSC¶ C,P° PíC-CÍP»C¶ PePsP¶PSPsC—
CÍCÍPjP°CĤPSPsC— PrPsP·Pë ≈100 PjPi/Pj².

P°PsPeCÍPsCĤCÍP±C-C†PëPS PSPμ CÍP»C-Pr PIPiPsPrPëC,Pë
PIPSCÍC,CĤCíCëPSCĤPsPjBĤ™ C¶P·PsPIPs, PíC-PrCëPeC-CĤPSPs, PíPμCĤPsCĤP°P»CĤPSPs
P°P±Ps C-PSC,CĤP°C,PμPeP°P»CĤPSPs. P°PsPeCÍPsCĤCÍP±C-C†PëPS PIPiPsPrPëC,Pë
PIPSCÍC,CĤC-CëPSCĤPsPIPμPSPSPs C,P°, CÍ PIPëPíP°PrPeCÍ PjC-CÍC†PμPIPsPiPs
P»C-PeCÍPIP°PSPSC¶ PíCÍC...P»PëPSPë, CëP»C¶C...PsPj PíPsPIC-P»CĤPSPsC—
PIPSCÍC,CĤC-CëPSCĤPsP°CĤC,PμCĤC-P°P»CĤPSPsC— C-PSC„CÍP·C-C— P°P±Ps CÍ
PIPëPiP»C¶PrC- PIPSCÍC,CĤC-CëPSCĤPsPjC-C...CÍCĤPsPIPpsC— C-PSCÍC,PëP»C¶C†C-C—
C†PμCĤPμP· PeP°C,PμC,PμCĤ. PkPμ PjPsP¶PSP° P·P°CÍC,PsCÍPsPICÍPIP°C,Pë
PrPsPeCÍPsCĤCÍP±C-C†PëPS C¶Pe P°PSC,PëP±P°PeC,PμCĤC-P°P»CĤPSPëPNë P·P°CÍC-P±.

P°PsPeCÍPsCĤCÍP±C-C†PëPS 0,2 % PSPμ C° PIP·P°C°PjPsP·P°PjC-PSPSPëPj P·
P»C-PíPsCÍPsPjP°P»CĤPSPëPjPë C„PsCĤPjP°PjPë PrPsPeCÍPsCĤCÍP±C-C†PëPSCÍ
PiC-PrCĤPsC...P»PsCĤPëPrCÍ.

P°PSC¿C,CĤC-CëPSCĤPsPIPμPSPSPμ PIPiPμPrPμPSPSC¶

P°PsPeCÍPsCĤCÍP±C-C†PëPS-P°C-CÍC,P° PjPsP¶PSP° PIPiPsPrPëC,Pë
PIPSCÍC,CĤC-CëPSCĤPsPIPμPSPSPs CÍ PIPëPiP»C¶PrC- P±PsP»CĤCÍCÍ PíCĤPsC,C¶PiPsPj
PrPμPeC-P»CĤPePsC... C...PIPëP»PëPS, CÍ PIPëPiP»C¶PrC- PePsCĤPsC,PePsC—
C-PSC„CÍP·C-C— PíCĤPsC,C¶PiPsPj PiPsPrPëPSPë P°P±Ps CÍ PIPëPiP»C¶PrC-
P±PμP·PiPμCĤPμCĤPIPSPsC— C-PSC„CÍP·C-C— PíCĤPsC,C¶PiPsPj PrPs 24 PiPsPrPëPS. PμCĤPë
PjPsPSPsC,PμCĤP°PiC-C— PrPsP·CÍ PjPsP¶PSP° CĤPsP·PrC-P»PëC,Pë C- PIPiPsPrPëC,Pë
PíCĤPsC,C¶PiPsPj 2-3 PíPsCÍP»C-PrPsPIPSPëC... PrPSC-PI. P PsP·C†PëPS PIPiPsPrC¶C,CĤ P·P°
PrPsPiPsPjPsPiPsCĤ C,CĤCÍP±PePë CÍ PIPëPiP»C¶PrC- PIPSCÍC,CĤC-CëPSCĤPsPIPμPSPSPsC—
C-PSC„CÍP·C-C— C-P· PIC-P»CĤPSPëPj PíPsC,PsPePsPj CĤC-PrPëPSPë,
PIPëPePsCĤPëCÍC,PsPICÍCĤC†Pë CĤPsP·C†PëPS C...P»PsCĤPëPrCÍ PSP°C,CĤC-CĤ 9 PjPi/PjP»
(0,9 %) PrP»C¶ C-PSBĤ™ C°PeC†C-PNë P°P±Ps CĤPsP·C†PëPS PrPμPeCÍC,CĤPsP·Pë 50 PjPi/PjP»
(5 %) PrP»C¶ C-PSBĤ™ C°PeC†C-PNë, PíCĤPsC,C¶PiPsPj 2-15 C...PIPëP»PëPS. PíPμPNë PjPμC,PsPr
PjC-PSC-PjC-P·CÍC° CĤPëP·PëPe PíPsC¶IPiPë C,CĤPsPjP±PsC„P»PμP±C-C,CÍ P°P±Ps
PíPμCĤPëPIPμPSPsP·PSPëC... PeCĤPsPIPpsPIPëP»PëPIC-PI, C¶PeC- PjPsP¶CÍC,CĤ
PíCĤPëP·PIPμCÍC,Pë PrPs CÍPμCĤPNëPsP·PSPëC... PjC-CÍC†PμPIPëC... CĤPμP°PeC†C-PNë CÍ
PIPëPiP»C¶PrC- P·P°PíP°P»PμPSPSC¶ PíC-PrCëPeC-CĤPSPsC— PeP»C-C,PePsPIPëPSPë,
CÍC,PIPsCĤPμPSPSC¶ PíCÍC...PëCĤC-PI C- PSPμPeCĤPsP·CÍ C,PeP°PSPëPS. P°PIPμPrPμPSPSC¶
CëP»C¶C...PsPj CÍC,CĤCÍPjPμPSPμPIPsC— C-PSBĤ™ C°PeC†C-C— PSPμ
CĤPμPePsPjPμPSPPrPsPIP°PSPμ C†PμCĤPμP· CĤPëP·PëPe PμPeCÍC,CĤP°PIP°P·P°C†C-C—, C‰Ps
PjPsP¶Pμ PIC-PrP±CÍPIP°C,PëCÍC¶ PSP°PIC-C,CĤ PíCĤPë PSP°C¶IPSPsCÍC,C-
P°PrPμPePIP°C,PSPsPiPs P·PIPsCĤPsC,PSPsPiPs C,PsPeCÍ PeCĤPsPIC- PíCĤPë
P°CÍPiC-CĤP°C†C-C— C†PμCĤPμP· PiPsP»PeCÍ.

P°PsP·P° PrPsPeCÍPsCĤCÍP±C-C†PëPSCÍ P·P°P»PμP¶PëC,CĤ PIC-Pr CĤPμP¶PëPjCÍ
P·P°CÍC,PsCÍCÍPIP°PSPSC¶, P·P°PiP°P»CĤPSPsPiPs CÍC,P°PSCÍ C-

$\overline{P}iPs\overline{P}iP_{\mu}C\overline{H}P_{\mu}PrPSC\overline{H}PsPiPs$ $P \gg C - PeCrPIP^{\circ}PSPSC\overline{C}i$ $\overline{P}iP^{\circ}C \dagger C - C''PSC, P^{\circ}$. P $P_{\mu}P\overline{P}Pj$
 $P \cdot P^{\circ}C \overline{C} \overline{C}, PsC \overline{C}CrPIP^{\circ}PSPSC\overline{C}i$ $PrPsPeC \overline{C}PsC\overline{H}CrP \pm C - C \dagger P \overline{P}SCr$ $PjPsP\overline{P}P_{\mu}$ $PIP^{\circ}C\overline{H}C - C\overline{H}PIP^{\circ}C, P \overline{e}$
 $P \cdot P^{\circ}P \gg P_{\mu}P\overline{P}PSPs$ $PIC - Pr$ $\overline{P}iPsPeP^{\circ}P \cdot P^{\circ}PSC\overline{H}$ $(C \overline{C}PsP \gg C - PrPSC - \overline{P}iCrC \dots P) \gg P \overline{e}PSP \overline{e}$ $P^{\circ}P \pm Ps$
 $PiPsC \overline{C} \overline{C}, C\overline{H}P \overline{e}P\overline{N}_{\overline{e}}$ $P \gg P_{\mu}P\overline{N}_{\overline{e}}PePsP \cdot)$ C, P° $P \cdot P^{\circ}P \gg P_{\mu}P\overline{P}PSPs$ $PIC - Pr$ $P\overline{N}_{\overline{e}}PsPiPs$
 $P \cdot P^{\circ}C \overline{C} \overline{C}, PsC \overline{C}CrPIP^{\circ}PSPSC\overline{C}i$ Cr $\overline{P}iP_{\mu}PIPSC - P\overline{N}_{\overline{e}}$ $C \overline{C} \overline{C} \dots P_{\mu}PjC -$ $P \gg C - PeCrPIP^{\circ}PSPSC\overline{C}i$ $(Cr$
 $PIP \overline{e}PiP \gg C\overline{C}PrC -$ $PjPsPSPsC, P_{\mu}C\overline{H}P^{\circ}PiC - C \text{---}$ $P^{\circ}P \pm Ps$ PI $PePsPjP \pm C - PSP^{\circ}C \dagger C - C \text{---}$ $P \cdot C - PSC \overline{e}P \overline{e}PjP \overline{e}$
 $C \dagger P \overline{e}C, PsC, PsPeC \overline{C}P \overline{e}C \dagger PSP \overline{e}PjP \overline{e}$ $P \cdot P^{\circ}C \overline{C}PsP \pm P^{\circ}PjP \overline{e}$ $P^{\circ}P \pm Ps$ Cr $C \overline{C}PeP \gg P^{\circ}PrC -$
 $P \pm P^{\circ}PiP^{\circ}C, PsP \overline{C}C\overline{H}PsC, C - P \gg C\overline{H}PSPsC \text{---}$ $\overline{P}iC\overline{H}PsC \dagger P_{\mu}PrC \overline{C}C\overline{H}P \overline{e}, C\overline{C}PeP^{\circ}$ $PIPeP \gg C\overline{H}C \dagger P^{\circ}C''$
 $PePsPjP \pm C - PSP^{\circ}C \dagger C - C\overline{H}$ $C \dots C - PjC - PsC, P_{\mu}C\overline{H}P^{\circ}PiC - C \text{---}, C \dots C - C\overline{H}CrC\overline{H}PiC - C \dagger PSPsC \text{---}$
 $\overline{P}iC\overline{H}PsC \dagger P_{\mu}PrC \overline{C}C\overline{H}P \overline{e}$ C, P° $\overline{P}iC\overline{H}PsPjP_{\mu}PSP_{\mu}PIPSC \text{---}$ $C, P_{\mu}C\overline{H}P^{\circ}PiC - C \text{---}, P^{\circ}$ $C, P^{\circ}PePsP\overline{P}$
 $PiPsC\overline{H}PjPsPSP^{\circ}P \gg C\overline{H}PSP_{\mu}$ $P \gg C - PeCrPIP^{\circ}PSPSC\overline{C}i).$

$P_{\overline{H}}PsPSPsC, P_{\mu}C\overline{H}P^{\circ}PiC - C\overline{C}i$. $P''PsP \cdot P^{\circ}$ $P \cdot P^{\circ}P \cdot PIP \overline{e}C \dagger P^{\circ}P\overline{N}_{\overline{e}}$ $C\overline{H}PsP \cdot C\overline{H}P^{\circ}C \dots PsPIC \overline{C}''C, C\overline{H}C \overline{C} \overline{C}i$
 PSP° $PsC \overline{C}PSPsPIC -$ $\overline{P}iP \gg PsC\%C -$ $\overline{P}iPsPIP_{\mu}C\overline{H}C \dots PSC -$ $C, C - P \gg P^{\circ}$ $(PjPi/Pj^2)$. $P'P \overline{e}C \dots PsPrC\overline{C}iC \dagger P \overline{e}$ $P \cdot$
 $C \dagger C\overline{H}PsPiPs, C\overline{H}P_{\mu}PePsPjP_{\mu}PSPPrC \overline{C}''C, C\overline{H}C \overline{C} \overline{C}i$ $PrPsP \cdot P^{\circ}$ $60-75$ $PjPi/Pj^2$ $\overline{P}iP \gg PsC\%C -$
 $\overline{P}iPsPIP_{\mu}C\overline{H}C \dots PSC -$ $C, C - P \gg P^{\circ}$ $PePsP\overline{P}PSC -$ $C, C\overline{H}P \overline{e}$ $C, P \overline{e}P\overline{P}PSC -$ Cr $C\overline{H}P^{\circ}P \cdot C -$
 $P \cdot P^{\circ}C \overline{C} \overline{C}, PsC \overline{C}CrPIP^{\circ}PSPSC\overline{C}i$ $PrPsPeC \overline{C}PsC\overline{H}CrP \pm C - C \dagger P \overline{P}SCrB$ $C\overline{C}Pe$ $PjPsPSPsC, P_{\mu}C\overline{H}P^{\circ}PiC - C \text{---}.$

$P_{\mu}C\overline{H}P_{\mu}\overline{P}iP^{\circ}C\overline{H}P^{\circ}C, P \cdot P^{\circ}C \overline{C} \overline{C}, PsC \overline{C}PsPICrPIP^{\circ}C, P \overline{e}$ $C \overline{e}P \gg C\overline{C}iC \dots PsPj$
 $PIPSCrC, C\overline{H}C - C \overline{e}PSC\overline{H}PsPIP_{\mu}PSPSPsC \text{---}$ $C - PSC, CrP \cdot C - C \text{---}$ $P \cdot$ $21 - PrP_{\mu}PSPSP \overline{e}Pj$
 $C - PSC, P_{\mu}C\overline{H}PIP^{\circ}P \gg PsPj$ $P \cdot$ $PsPiP \gg C\overline{C}PrC \overline{C}$ PSP° $C \overline{C} \overline{C}, P^{\circ}PS$ $PeC\overline{H}PsPIC -$ C, P° $PeC - C \overline{C} \overline{C}, PePsPIPsPiPs$
 $PjPsP \cdot PeCr$ $\overline{P}iP^{\circ}C \dagger C - C''PSC, P^{\circ}$ $P \cdot P^{\circ}$ $CrPjPsPIP \overline{e}$ $PSPsC\overline{H}PjP^{\circ}P \gg C\overline{H}PSPsPiPs$
 $PIC - PrPSPsPIP \gg P_{\mu}PSPSC\overline{C}i$ $C \overline{C} \overline{C}, P^{\circ}PSCr$ $PsC\overline{H}PiP^{\circ}PSC - P \cdot PjCr$ $\overline{P}iC - C \overline{C}P \gg C\overline{C}i$ $C, PsPeC \overline{C}P \overline{e}C \dagger PSPsPiPs$
 $PIP \overline{P} \gg P \overline{e}PICr$ $\overline{P}iC\overline{H}P_{\mu}\overline{P}iP^{\circ}C\overline{H}P^{\circ}C, Cr$ $(PsC \overline{C}PsP \pm P \gg P \overline{e}PIPs$ $\overline{P}iC - C \overline{C}P \gg C\overline{C}i$ $\overline{P}iC\overline{H}P \overline{e}PiPSC - C \dagger P_{\mu}PSPSC\overline{C}i$
 $C, CrPSPeC \dagger C - C \text{---}$ $PeC - C \overline{C} \overline{C}, PePsPIPsPiPs$ $PjPsP \cdot PeCr$ $C -$ $C \overline{C} \overline{C}, PsPjP^{\circ}C, P \overline{e}C, Cr)$. $\overline{P}kP \overline{e}P\overline{P}C \dagger P^{\circ}$
 $PrPsP \cdot P^{\circ}$ $(60$ $PjPi/Pj^2)$ $C\overline{H}P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSP^{\circ}$ $\overline{P}iP^{\circ}C \dagger C - C''PSC, P^{\circ}Pj$ $P \cdot C -$ $P \cdot PSP \overline{e}P\overline{P}P_{\mu}PSP \overline{e}Pj$
 $C\overline{H}P_{\mu}P \cdot P_{\mu}C\overline{H}PIPsPj$ $PeC - C \overline{C} \overline{C}, PePsPIPsPiPs$ $PjPsP \cdot PeCr$ Cr $P \gg C - C, PSC\overline{H}PsPjCr$ $PIC - C \dagger C -$ $P^{\circ}P \pm Ps$
 $PIPSP^{\circ}C \overline{C}P \gg C - PrPsPe$ $\overline{P}iPs\overline{P}iP_{\mu}C\overline{H}P_{\mu}PrPSC\overline{H}PsPiPs$ $P \gg C - PeCrPIP^{\circ}PSPSC\overline{C}i$ $C \dagger P \overline{e}$
 $\overline{P}iCrC \dots P \gg P \overline{e}PSPSPsC \text{---}$ $C - PSC, C - P \gg C\overline{H}C, C\overline{H}P^{\circ}C \dagger C - C \text{---}$ $PeC - C \overline{C} \overline{C}, PePsPIPsPiPs$ $PjPsP \cdot PeCr$.
 P $P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSP^{\circ}$ $PrPsP \cdot P^{\circ}$ PSP° $C \dagger P \overline{e}PeP \gg$ $PjPsP\overline{P}P_{\mu}$ $P \pm CrC, P \overline{e}$
 $PIPIP_{\mu}PrP_{\mu}PSP^{\circ}$ $P \cdot P^{\circ}$ 1 $C\overline{H}P^{\circ}P \cdot,$ $P \pm CrC, P \overline{e}$ $\overline{P}iPsPrC - P \gg P_{\mu}PSP^{\circ}$ PSP° $2-3$
 $PIPIP_{\mu}PrP_{\mu}PSPSC\overline{C}i$ $\overline{P}iC\overline{H}PsC, C\overline{C}PiPsPj$ $\overline{P}iPsC \overline{C}P \gg C - PrPsPIPSP \overline{e}C \dots$ $PrPSC - PI$. $P''P \gg C\overline{C}i$
 $P \cdot P^{\circ}C \overline{C} \overline{C}, PsC \overline{C}CrPIP^{\circ}PSPSC\overline{C}i$ $\overline{P}iC\overline{H}P_{\mu}\overline{P}iP^{\circ}C\overline{H}P^{\circ}C, Cr$ Cr $PrC - C, P_{\mu}P\overline{N}_{\overline{e}}$ $C\overline{H}P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSPs$
 $PIPIPPrP \overline{e}C, P \overline{e}$ $P^{\circ}P \gg C\overline{H}C, P_{\mu}C\overline{H}PSP^{\circ}C, P \overline{e}PIPSCr$ $PrPsP \cdot Cr$ 30 $PjPi/Pj^2/PrPsP \pm Cr$
 $PIPSCrC, C\overline{H}C - C \overline{e}PSC\overline{H}PsPIP_{\mu}PSPSPs$ $\overline{P}iC\overline{H}PsC, C\overline{C}PiPsPj$ 3 $PrPSC - PI$ $\overline{P}iPsC \overline{C}P \overline{C} - P \gg C\overline{H};$
 $\overline{P}iPsPIC, PsC\overline{H}C\overline{H}PIP^{\circ}C, P \overline{e}$ $PeCrC\overline{H}C \overline{C} \dagger P_{\mu}C\overline{H}P_{\mu}P \cdot$ $PePsP\overline{P}PSC -$ 4 $C, P \overline{e}P\overline{P}PSC -$. $P''C\overline{H}P^{\circ}C, C - Pe$
 $PrPsP \cdot CrPIP^{\circ}PSPSC\overline{C}i$ C, P° $PrPsP \cdot P \overline{e}$ $PjPsP\overline{P}PSP^{\circ}$ $PePsC\overline{H}P \overline{e}PiCrPIP^{\circ}C, P \overline{e}$ $P \cdot PiC - PrPSPs$ $P \cdot$
 $\overline{P}iC\overline{H}PsC, PsPePsP \gg PsPj$. $P\overline{Y}PsC \dagger PSCr$ $C - PSC, PsC\overline{H}PjP^{\circ}C \dagger C - C\overline{H}$ $\overline{P}iC\overline{H}Ps$ $PrPsP \cdot CrPIP^{\circ}PSPSC\overline{C}i$
 $PrP \overline{e}PI$. Cr $\overline{P}iPsC, PsC \dagger PSP \overline{e}C \dots$ $\overline{P}iC\overline{H}PsC, PsPePsP \gg P^{\circ}C \dots$

$P_{\overline{H}}PsPjP \pm C - PSPsPIP^{\circ}PSP^{\circ}$ $C, P_{\mu}C\overline{H}P^{\circ}PiC - C\overline{C}i$. $P_{\mu}C\overline{H}P \overline{e}$ $PIPIP_{\mu}PrP_{\mu}PSPSC -$
 $PrPsPeC \overline{C}PsC\overline{H}CrP \pm C - C \dagger P \overline{P}SCr$ $\overline{P}iC - PrC\overline{H}PsC \dots P \gg PsC\overline{H}P \overline{e}PrCr$ PI $PePsPjP \pm C - PSP^{\circ}C \dagger C - C \text{---}$ $P \cdot$
 $C - PSC \overline{e}P \overline{e}PjP \overline{e}$ $\overline{P}iC\overline{H}PsC, P \overline{e}P \overline{e}CrC \dots P \gg P \overline{e}PSPSP \overline{e}PjP \overline{e}$ $P \gg C - PeP^{\circ}C\overline{H}C \overline{C}PeP \overline{e}PjP \overline{e}$
 $P \cdot P^{\circ}C \overline{C}PsP \pm P^{\circ}PjP \overline{e}, C\%Ps$ $PjPsP\overline{P}CrC, C\overline{H}$ $\overline{P}iPsC, P_{\mu}PSC \dagger C - C\overline{H}PIP^{\circ}C, P \overline{e}$ $C, PsPeC \overline{C}P \overline{e}C \dagger PSP \overline{e}P\overline{N}_{\overline{e}}$
 $PIP \overline{P} \gg P \overline{e}PI, C, P^{\circ}PeP \overline{e}PjP \overline{e}$ $C\overline{C}Pe$ $C \dagger P \overline{e}PeP \gg PsC, PsC \overline{C} \overline{C}, P^{\circ}PjC - Pr$
 $PIPSCrC, C\overline{H}C - C \overline{e}PSC\overline{H}PsPIP_{\mu}PSPSPs$ Cr $PIP \overline{e}C \overline{C}PsPeP \overline{e}C \dots$ $PrPsP \cdot P^{\circ}C \dots$ $P^{\circ}P \pm Ps$
 $C \overline{C}PiPsC\overline{H}C - PrPSP_{\mu}PSC -$ $P^{\circ}PSC, C\overline{H}P^{\circ}C \dagger P \overline{e}PeP \gg C - PSPsPIC -$ $C \overline{C}PiPsP \gg CrPeP \overline{e}, C, P^{\circ}PeC -$ $C\overline{C}Pe$
 $PrP^{\circ}CrPSPsC\overline{H}CrP \pm C - C \dagger P \overline{e}PS, C - PrP^{\circ}C\overline{H}CrP \pm C - C \dagger P \overline{e}PS$ $C, P^{\circ}/P^{\circ}P \pm Ps$ $P_{\mu}PiC - C\overline{H}CrP \pm C - C \dagger P \overline{e}PS,$
 $PrPsP \cdot Cr$ $PrPsPeC \overline{C}PsC\overline{H}CrP \pm C - C \dagger P \overline{P}SCr$ $\overline{P}iPsC, C\overline{H}C - P \pm PSPs$ $P \cdot PjP_{\mu}PSC \overline{e}P \overline{e}C, P \overline{e}$ $PrPs$ $30-60$
 $PjPi/Pj^2$ $PePsP\overline{P}PSC -$ $3-4$ $C, P \overline{e}P\overline{P}PSC -$.

P"»P»CЦ PiP°C†C-C"»PSC,C-PI, CЦPeC- PSPµ PjPsP¶C†C,CH PsC,CHPëPjC†PIP°C,Pë PiPsPIPSC† PrPsP·C† (PSP°PiC¶PëPeP»P°Pr, C† PIPëPiP°PrPeC† C-PjC†PSPSC†C†PiC¶PµC†C-C—, PiP°C†C-C"»PSC,PëB P»C-C,PSC¶PsPiPs PIC-PeC†), P°P»CHC,PµC¶PSP°C,PëPIPSP° PrPsP·P° C†C,P°PSPsPIPëC,CH 15-20 PjPi/Pj² PiPsPIPµC¶C...PSC- C,C-P»P° PSP° C,PëP¶PrPµPSC¶.

PµP°C†C-C"»PSC,Pë P· C¶PëP·PëPePsPj C¶PsP·PIPëC,PeCž PiPsC¶CžC€PµPSC¶ P· P±PsPeCž C†PµC¶C†CЦ

P"»P»CЦ PiC¶PsC,,C-P»P°PeC,PëPePë PeP°C¶PrC-PsPjC-PsPiP°C,C-C— C¶PµPePsPjPµPSP†C†C,CHC†CЦ, C%PsP± C†C†PeC†PiPSP° P·P°PiP°P»CHPSP° PrPsP·P° PrPsPeC†PsC¶C†P±C-C†PëPSC† PiC¶PsC,CЦPiPsPj P¶PëC,C,CЦ (PIPeP»CHC†P°C¶C†Pë C†PiPsC¶C-PrPSPµPSC- P»C-PeP°C¶C†CHPeC- P·P°C†PsP±Pë, C,P°PeC- CЦPe PrP°C†PSPsC¶C†P±C-C†PëPS), PSPµ PiPµC¶PµPIPëC%CrPIP°P»P° 450-550 PjPi/Pj² PiP»PsC%Cr- PiPsPIPµC¶C...PSC- C,C-P»P°. P"»P»CЦ PiP°C†C-C"»PSC,C-PI C-P· C†C†PiC†C,PSC¶PsC¶ C...PIPsC¶PsP±PsC¶ C†PµC¶C†CЦ, CЦPeC- PsC,CHPëPjC†C¶C,CH PsPiC¶PsPjC-PSPµPSPSCЦ C†PµC¶PµPrPsC†C,C-PSPSCЦ C,P°/P°P±Ps C†PµC¶C†CЦ, PiPsPiPµC¶PµPrPSC¶Ps P»C-PeC†PIP°P»PëC†CЦ P°P»PeC-P»C†PIP°P»CHPSPëPjPë P»C-PeP°C¶C†CHPePëPjPë P·P°C†PsP±P°PjPë P°P±Ps PsC,CHPëPjC†C¶C,CH C†C†PiC†C,PSC¶ C,PµC¶P°PiC-CH PiPsC,PµPSC†C-PNëPSPs PeP°C¶PrC-PsC,PsPeC†PëC†PSPëPjPë P»C-PeP°C¶C†CHPePëPjPë P·P°C†PsP±P°PjPë, P° C,P°PePsP¶ PrP»CЦ PiP°C†C-C"»PSC,C-PIB C-P· PiC¶C†PiPë PiC-PrPIPëC%PµPSPsPiPs C¶PëP·PëPeC† (PiP°C†C-C"»PSC,Pë, CЦPeC- C...PIPsC¶C-CHC,CH PSP° P°C¶C,PµC¶C-P°P»CHPSC† PiC-PiPµC¶C,PµPSP·C-CH PIP¶Pµ P±C-P»CHC€Pµ PSC-P¶ 5 C¶PsPeC-PI, PjP°C¶C,CH PePsC¶PsPSP°C¶PSC-, PeP»P°PiP°PSPSC- P°P±Ps PjC-PsPeP°C¶PrC-P°P»CHPSC- C†PµC¶C†PµPIC- PiPsC¶C†C€PµPSPSCЦ, PiP°C†C-C"»PSC,Pë PIC-PePsPjB PIC-Pr 70 C¶PsPeC-PI) C¶PµPePsPjPµPSP†PsPIP°PSP° PjP°PeC†PëPjP°P»CHPSP° PeC†PjC†P»CЦC,PëPIPSP° PrPsP·P° PSPµ PiPsPIPëPSPSP° PiPµC¶PµPIPëC%CrPIP°C,Pë 400 PjPi/Pj² PiP»PsC%Cr- PiPsPIPµC¶C...PSC- C,C-P»P°, C,P°PePsP¶ PiPsC,CHC-P±PµPSB C¶PµC,PµP»CHPSPëPNë PjPsPSC-C,PsC¶PëPSPi C,,C†PSPeC†C-C— C†PµC¶C†CЦ C,P°PePëC... PiP°C†C-C"»PSC,C-PI.

P"»P»CЦ PiP°C†C-C"»PSC,C-PI C-P· PiC-PrPIPëC%PµPSPëPj C¶PëP·PëPePsPj C¶PsP·PIPëC,PeC† C†PµC¶C†PµPIPsC— C,PsPeC†PëC†PSPsC†C,C- C†P»C-Pr P·P°C†C,PsC†PsPIC†PIP°C,Pë P»C-PeC†PIP°PSPSCЦ C† PIPëPiP»CЦPrC- 24-PiPsPrPëPSPSPsC— C-PSC,,C†P·C-C— PI PsPrPSPsC¶P°P·PsPIC-PNë PrPsP·C-, P° PSPµ C† PIPëPiP»CЦPrC- C-PSB¶™ C"»PeC†C-C—. P—P°C†C,PsC†C†PIP°PSPSCЦ C,P°PePsPiPs C†PiPsC†PsP±C† P·PSPëP¶C†C" C¶PëP·PëPe C¶PsP·PIPëC,PeC† C†PµC¶C†PµPIPsC— C,PsPeC†PëC†PSPsC†C,C- P±PµP· P·PSPëP¶PµPSPSCЦ C,PµC¶P°PiPµPIC,PëC†PSPsPiPs PµC,,PµPeC,C†. PÿP°PePëPj PiP°C†C-C"»PSC,P°Pj PiPµC¶PµPr PePsP¶PSPëPj PeC†C¶C†PsPj P»C-PeC†PIP°PSPSCЦ C†P»C-Pr PiC¶PsPIPsPrPëC,Pë PrPsC†P»C-PrP¶PµPSPSCЦ C,,C¶P°PeC†C-C— PIPëPePëPrC† P»C-PIPsPiPs C€P»C†PSPsC†PeP°.

PµP°C†C-C"»PSC,Pë P· PsP±PjPµP¶PµPSPëPj C¶PµP·PµC¶PIPsPj PeC-C†C,PePsPIPsPiPs PjPsP·PeCž, PSPµ PiPsPIë¶™ CЦP·P°PSPëPj C-P· PIPiP»PëPIPsPj C...PIPsC¶PsP±Pë PSP° PeC-C†C,PePsPIPëPNë PjPsP·PsPe

P"»PsP·C† PjPsP¶PSP° P·PjPµPSC€PëC,Pë PrP»CЦ PiP°C†C-C"»PSC,C-PI C-P· PjC-C"»PsC†C†PiC¶PµC†PëPIPSPëPj P»C-PeC†PIP°PSPSCЦPj PI P°PSP°PjPSPµP·C-. P PµP·PµC¶PI PeC-C†C,PePsPIPsPiPs PjPsP·PeC† C† PSPëC... PjPsP¶Pµ P±C†C,Pë PSPµPrPsC†C,P°C,PSC-Pj.

PµPsC¶CžC€PµPSPSCЦ C,,CžPSPeC†C-C— PiPµC†C-PSPePë

PµC¶Pë PiPsC¶C†C€PµPSPSC- C,,C†PSPeC†C-C— PiPµC†C-PSPePë PrPsP·C† C†P»C-Pr

PIPSCrC, C7C-CePSCbPsPjC-C...CrC7PsPIPsC— C-PSCrC, PëP»C7C7C-C— PrP»C7C
P»C-PeCrPIP°PSPSC7C P7PsPIP7C7C...PSP7PIPsPiPs C7P°PeCr C7P7C7PsPIPsPiPs PjC-C...CrC7P°
P°P±Ps P· PjP7C, PsC7 P7C7PsC,, C-P»P°PeC, PëPePë C7P7C7PëPrPëPICr C7P°PeCr P7C-C7P»C7C
C, C7P°PSCrC7C7P7C, C7P°P»C7PSPSC— C7P7P·P7PeC7C-C— (P7PjP).
P P7PePsPjP7PSPPrPsPIP°PSP° PrPsP·P° PsPrPSC-C”C— C-PSCrC, PëP»C7C7C-C— PrP»C7C
PIPSCrC, C7C-CePSCbPsPjC-C...CrC7PsPIPsC— C, P7C7P°P7C-C— P7PsPIP7C7C...PSP7PIPsPiPs
C7P°PeCr C7P7C7PsPIPsPiPs PjC-C...CrC7P° C7P°P»P°PrP°C” 30-50 PjPi P7C7P7P7P°C7P°C, Cr,
C7PsP·C7PëPSP7PSPsPiPs PI 25-50 PjP» C,, C-P·C-PsP»PsPiC-C7PSPsPiPs C7PsP·C7PëPSCr.
P7P7C, PëPjP°P»C7PSP° PePsPSC7P7PSC, C7P°C7C-C7C C7C, P°PSPsPIPëC, C7C
P7C7PëP±P»PëP·PSPs 1 PjPi/Pj. P PsP·C7PëPS P7PsPIPëPSP7PSP P·P°P»PëCëP°C, PëC7C7C PI
PjC-C...CrC7C- P7C7PsC, C7PiPsPj 1-2 PiPsPrPëPS. P7C7PsC, C7PiPsPj C7C7PsPiPs
P7P7C7C-PsPrCr P7P°C7C-C”PSC, Cr C7P»C-Pr P·PjC-PSC7PIP°C, Pë P7PsP»PsP7P7PSPSC7C
C, C-P»P° PSP° 90 P7C7P°PrCrC7C-PI PePsP7PSC- 15 C...PIPëP»PëPS. P”P»C7C
CrPSPëPePSP7PSPSC7C PSP7P±P°P7P°PSPsPiPs C7PsP·P±P°PIP»P7PSPSC7C C7P7C7P7C
C7P»C-Pr P7PsPiP7C7P7P7C, Pë P7P°C7C-C”PSC, C-PI, C%oPsP± PIPsPSPë
CrC, C7PëPjP°P»PëC7C7C PIC-Pr C7P7PsP7PëPIP°PSPSC7C PSP°P7PsC—PI P7C7PsC, C7PiPsPj 12
PiPsPrPëPS PrPs C-PSCrC, PëP»C7C7C-C— (C7P7 PjP°C” P·PSPëP·PëC, Pë PIPëPrC-P»P7PSPSC7C
C7P7C7C- P7C7PëP±P»PëP·PSPs PrPs 50 PjP» PSP° PiPsPrPëPSCr).

P7P±PjP7P7P7PSPSC7C C%oPsPrPs PIPSCrC, C7C-CePSCbPsPIP7PSPSPsPiPs
P·P°C7C, PsC7CrPIP°PSPSC7C P7C7P7P7P°C7P°C, Cr PSP7 P7PsCëPëC7C7C7C, C7C7C7C PSP°
C-PSC, C7P°PIP7P·PëPeP°P»C7PSP7 P·P°C7C, PsC7CrPIP°PSPSC7C, PsC7PeC-P»C7PePë
P°P±C7PsC7P±C7C-C7C PrPsPeC7PsC7C7P±C-C7PëPSCr C, P° P7PsPiPs
PSP°PrC...PsPrP7P7PSPSC7C Cr PeC7PsPIPsC, C-Pe PSP°PrP·PIPëC7P°P7PSPs PSPëP·C7PeC-.

P7C7PeC-P»C7PePë PSP° PrP°PSPëP7C7C7P°C7C, PsC7PsPICrC”C, C7C7C7C P±P°PiP°C, Ps
C7C...P7Pj P»C-PeCrPIP°PSPSC7C, C%oPs CrC7PeP»P°PrPSC7C” C-PSC, P7C7P7C7P7C, P°C7C-C7C,
PrP°P»C- PSP°PIP7P7P7PSP° PrPsPiPsPjC-P7PSP° C-PSC,, PsC7PjP°C7C-C7C:

B· P7C7P7P7P°C7P°C, P7PsC, C7C-P±PSPs PIPsPrPëC, Pë C7P7C7P7P· PeP°C, P7C, P7C7C,
C7PsP·C7PëPS PjP°C” P·P°P»PëCëP°C, PëC7C7C Cr C7P7C7PsPIPsPjCr PjC-C...CrC7C-
P7C7PsC, C7PiPsPj 1-2 PiPsPrPëPS;

B· PsP7C, PëPjP°P»C7PSP° PePsPSC7P7PSC, C7P°C7C-C7C
PrPsPeC7PsC7C7P±C-C7PëPSCr Cr PjC-C...CrC7C- P7PsPIPëPSPSP° C7C, P°PSPsPIPëC, Pë ≈1
PjPi/PjP»;

B· PrP»C7C CrPSPëPePSP7PSPSC7C PSP7P±P°P7P°PSPsPiPs C7PsP·P±P°PIP»P7PSPSC7C
C7P7C7P7C C7P»C-Pr P7PsPiP7C7P7P7C, Pë P7P°C7C-C”PSC, C-PI, C%oPsP± PIPsPSPë
CrC, C7PëPjP°P»PëC7C7C PIC-Pr PIP7PëPIP°PSPSC7C PSP°P7PsC—PI P7C7PsC, C7PiPsPj 12
PiPsPrPëPS PrPs C-PSCrC, PëP»C7C7C-C—, B C7P7 PjP°C” P·PjP7PSCëPëC, Pë
PIPëPrC-P»P7PSPSC7C C7P7C7C- P7C7PëP±P»PëP·PSPs PrPs 50 PjP» PSP° PiPsPrPëPSCr;

B· P7C-C7P»C7C PIP7P7P7PSPSC7C P7C7P7P7P°C7P°C, Cr P7P°C7C-C”PSC, Cr C7P»C-Pr
P·PjC-PSC7PIP°C, Pë P7PsP»PsP7P7PSPSC7C C, C-P»P° PSP° 90 P7C7P°PrCrC7C-PI PePsP7PSC- 15
C...PIPëP»PëPS PrP»C7C P·P±C-P»C7CëP7PSPSC7C P7P»PsC%oC- PrC-C— C7PsP·C7PëPSCr PSP°
C7P7C7PsPIPëP7C7C PjC-C...CrC7C C- C7P»PëP·PsPICr PsP±PsP»PsPSPeCr C7P7C7PsPIPsPiPs
PjC-C...CrC7P°.

P7C-C7P»C7C P·P°PIP7C7CëP7PSPSC7C P7C7PsC7P7P7C7C7Pë P7P°C7C-C”PSC, Cr C7P»C-Pr
PIPëP7PsC7PsP7PSPëC, Pë C7P7C7PsPIPëP7C7C PjC-C...CrC7C.

$\text{P}\ddot{\text{Y}}\text{C}\ddot{\text{T}}\text{P}\ddot{\text{E}}\text{PIP}^{\circ}\text{P}\gg\text{C}-\text{C}\dot{\text{T}}\text{C}, \text{CH}_3\text{P}\gg\text{C}-\text{PeC}\dot{\text{T}}\text{PIP}^{\circ}\text{PSPSC}\dot{\text{U}}\text{PIP}\ddot{\text{E}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddagger\text{P}^{\circ}\text{C}''\text{P}\gg\text{C}-\text{PeP}^{\circ}\text{C}\ddot{\text{T}}$
 $\text{C}-\text{PSP}\tau\text{P}\ddot{\text{E}}\text{PIC}-\text{PrC}\dot{\text{T}}\text{P}^{\circ}\text{P}\gg\text{CH}_3\text{PSPs}.$

PtPSCrC,PëP»ClC†C-C— PjPsP¶CrC,Cß PiCḡPsPIPsPrPëC,PëCfC¶ P· C-PSC,PµCḡPIP°P»PsPj
PIC-Pr 1 C,PëP¶PSC¶ PrPs 1 PjC-CfC¶C†C¶, P·P°P»PµP¶PSPs PIC-Pr C,PsPiPs,B C‡Pë
C,PµCḡP°PiPµPIC,PëC‡PSPµ, C‡Pë PiCḡPsC,,C-P»P°PeC,PëC‡PSPµ C†Pµ
P»C-PeCrPIP°PSPSC¶.

 $P''C-C, P\ddot{e}.$

$\text{P}\mu\text{C}\bar{\text{T}}\text{P}\mu\text{P}\bar{\text{i}}\text{P}^{\circ}\text{C}\bar{\text{T}}\text{P}^{\circ}\text{C}$, $\text{P}\cdot\text{P}^{\circ}\text{C}\bar{\text{I}}\text{C}$, $\text{P}\text{sC}\bar{\text{I}}\text{P}\text{sP}\bar{\text{I}}\text{C}\bar{\text{r}}\text{P}\bar{\text{I}}\text{P}^{\circ}\text{C}$, $\text{P}\ddot{\text{e}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\bar{\text{T}}\text{P}\text{sPrP}\bar{\text{I}}\text{P}\mu\text{PSPSC}\bar{\text{I}}$. $\text{P}\bar{\text{J}}\text{PrC}-\text{C}$, $\text{P}\mu\text{PN}\bar{\text{e}}\text{C}$, $\text{P}^{\circ}\text{P}\bar{\text{i}}\text{C}-\text{PrP}\gg\text{C}-\text{C}$, $\text{PeC}-\text{PI}\text{PIP}\ddot{\text{e}}\text{C}\%_{\text{o}}\text{P}\ddot{\text{e}}\text{PN}\bar{\text{e}}\text{C}\bar{\text{T}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{P}\ddot{\text{e}}\text{Pe}\text{PIP}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{PePSP}\mu\text{PSPSC}\bar{\text{I}}\text{P}\bar{\text{i}}\text{C}\bar{\text{T}}\text{P}\text{sC}\bar{\text{I}}\text{PIC}-\text{PIPIC}-\text{PrPrP}^{\circ}\text{P}\gg\text{P}\mu\text{PSP}\text{sC}-\text{PeP}^{\circ}\text{C}\bar{\text{T}}\text{PrC}-\text{PsC}$, $\text{PsPeC}\bar{\text{I}}\text{P}\ddot{\text{e}}\text{C}\ddagger\text{PSP}\text{sC}\bar{\text{I}}\text{C}$, $\text{C}-\text{PIPSP}^{\circ}\text{C}\bar{\text{I}}\text{P}\gg\text{C}-\text{PrPsPeP}\cdot\text{P}^{\circ}\text{C}\bar{\text{I}}\text{C}$, $\text{PsC}\bar{\text{I}}\text{C}\bar{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\bar{\text{I}}\text{PrPsPeC}\bar{\text{I}}\text{PsC}\bar{\text{T}}\text{C}\bar{\text{r}}\text{P}\pm\text{C}-\text{C}\ddagger\text{P}\ddot{\text{e}}\text{PSC}\bar{\text{r}}$.

PμPμCЪPμPтPѕP·CѓPIP°PSPSCЦ.

PŸPİPıC†PĖC,,C-C†PSPĖPNĖ P°PSC,PĖPrPsC, PrPsPeCı†PsCĤCıP±C-C†PĖPSCı
PSPıPIC-PrPsPıPĖPNĖ.

РѢР°PSC-C,,PµCfC,P°C†C-C†C PιPScC,CḡPScC- C-PSC,PsPeCfPëPeP°C†C-C- PjPsP¶Pµ
PIC-PrP±C†C,PëCfC†C PιCḡPSc,C†PιPSPj 24 PιPSPPrPëPS P· C,P°PePëPjPë PιCḡPSc†PIP°PjPë
C†Pε C†PµCḡC†PµPIP° PSPµPrPScCfC,P°C,PSC-C†C,Ch P· P±PsP»PµPj C† PιCḡC†PrPSC-PNε
PeP»C-C,C†C-, C†C,PµPSPSPeP°CḡPrC-C†C C,P° C-PSC,,P°CḡPeC, PjC-PsPeP°CḡPrP°. Pj
C,P°PePëC... PIPëPιP°PrPeP°C... PSPµPsP±C...C-PrPSP° PePsPSCfC†P»ChC,P°C†C-C†C
PeP°CḡPrC-PsP»PsPιP°. P°PScCfC,CḡPµ PιPµCḡPµPrPSP·C†PIP°PSPSC†C
PrPsPeCfPScCḡC†P±C-C†PëPSPSPj PjPsP¶Pµ PιCḡPëP·PIPµC†C,Pë PrPs
PjC-C°P»PScC†C†PιCḡPµC†C-C- (P·PsPeCḡPµPjP°, PrPs P»PµPNεPePsPιPµPSC-C- C-
C,CḡPSPjP±PsC†PëC,PsPιPµPSC-C-), P·P°P·PIPëC†P°PNε C†PµCḡPµP· 10-14 PrPSC-PI,
CεP»C†PSPePsPIPSPePëCεPePsPIPëC... C,PsPeCfPëC†PSPëC... PµC,,PµPeC,C-PI (P·PsPeCḡPµPjP°,
P·P°PιP°P»PµPSPSC†C C†P»PëP·PsPIPSPC- PsP±PsP»PsPSPePë). PιPeC%oPs
P·bḡ™ C†PIP»C†CḡC,ChC†C†C PsP·PSP°PePë C-PSC,PsPeCfPëPeP°C†C-C-, PιPιPµPrPµPSPSC†C
PrPsPeCfPScCḡC†P±C-C†PëPSC†C C†P»C-Pr PSPµPιP°PNεPSPS PιCḡPëPιPëPSPëC,Pë.
P»C-PeC†PIP°PSPSC†C PιPeP»CḡC†P°C° PIPSC†C,CḡC-CεPSCḡPsPιPµPSPSC-
P°PSC,PëP±C-PsC,PëPePë, PιPµCḡPµP»PëPIP°PSPSC†C PιCḡP°PSC†P»PsC†PëC,C-PI C-
C,CḡPSPjP±PsC†PëC,C-PI, P° C,P°PePsP¶ P»C-PeC†PIP°PSPSC†C CεP»C†PSPePsPIPSP-
PePëCεPePsPIPëC... C†PëPjPιC,PsPjC-PI C- PrPëC†C,,C†PSPeC†C-PNε C†PµCḡC†C†C. PŸP»C-Pr
CḡPSP·PιP»C†PSC†C,Pë PjPsP¶P»PëPIC-C†C,Ch PιPµCḡPµPjC-C%oPµPSPSC†C PιP°C†C-C°PSC,P°
C† C†C,PµCḡPëP»ChPSC†C PeC-PjPSP°C,C† C- PIPëPePsCḡPëC†C,P°PSPSC†C
PιPµPjPsPιPSPµC,PëC†PSPëC... C,,P°PeC,PsCḡC-PI CḡPScC†C,C†.

PhPrPSPsC $\overline{H}$ P $\circ$ P $\cdot$ PsPIC- PrPsP $\cdot$ Pë 250 PjPi C- 500 PjPi PrPsPeC $\overline{r}$ PsC $\overline{H}$ C $\overline{r}$ P $\pm$ C-C $\overline{r}$ PëPSC $\overline{r}$
PIPëC $\overline{L}$ PIPëP $\gg$ PëC $\overline{r}$ C $\overline{L}$ P $\gg$ PuC,P $\circ$ P $\gg$ CHbPSPëPjPë.

PICTPSPSC-C+PSPμ PiPμCTHPμPrPsP·CfPIP°PSPSCII CfCfPjP°CTHPSPsCTH PrPsP·PsCTH, CIIPeP°
PiPμCTHPμPIPeC%CrC" 550 PjPi/Pj², P·P±C-P»CHC€CrC" CTHPëP·PëPe
PeP°CTHPPrC-PsPjC-PsPiP°C,C-C— C,P° PjPsP¶Pμ PiCTHPëP·PIPμCfC,Pë PrPs CfPμCTHC†PμPIPsC—
PSPμPrPsCfC,P°C,PSPsCfC,C-, P»C-PeCfPIP°PSPSCII CIIPePsC—

Р·РrC-РNсГfPSCнC”C,нсГfCц C,нсP°РrРёC†C-РNсPSPёРjРё Р·Р°ГfPsР±Р°РjРё.
РjРiРsРiC-Р»нсPSPµPSP° C,,PsнсРjР° ГfРµнсC†РµРiРsC— PSPµРrPsГfC,Р°C,PSPsГfC,C-
РjPsР¶Рµ ГfРiРsГfC,РµнсC-РiР°C,РёГfCц РrPsB 6 РjC-ГfCц†C-Рi РiC-ГfР»Cц
РiРµнсCРµРrPsР·ГfРiР°PSPSCц.

РнсPsР¶Р»РёРiР° C,РµнсP°РiC-ц C-Р· Р·Р°ГfC,PsГfC†РiР°PSPSCцРj РiнсPsC†РµРrГfнсРё
РiРµРjPsРrC-Р°Р»C-Р·Гf, цРiРeC%Ps PSPµРjР°C” C-PSC,PsРeГfРёРёР°C†C-C—,
РiРёРёР»РёРёР°PSPsC— РrPsРeГfPsнсC†Р±C-Ц†РёPSPsРj, PsГfРeC-Р»нсРёРё
РrPsРeГfPsнсC†Р±C-Ц†РёPS РjР°C” РrГfР¶Рµ РiРµР»РёРёРёРNс PsР±ГfCцРi
нсPsР·РiРsРiCГfнсРrР¶РµPSPSCц, C,Р° C,C-Р»нсРёРё 5 % РrPsР·Рё РiРёРiРsРrРёC,нсГfCц
PSPёнсРёР°РjРё.

Р·РeГfC,нсP°РiР°Р·Р°C†C-ц

РµРsРjРёР»РёРsРiРµ РiРµнсРёРiРµPSPsР·PSPµ РiРiРµРrРµPSPSCц ГfРiнсРёC†РёPSCцC”
РjC-ГfC†РµРiРёРNс PSPµРeнсPsР· C,Р° C,нсPsРjР±PsC,,Р»РµР±C-C,, Р’C-РrC†ГfC,C,ц
РiРµC†C-PSPSCц Гf РjC-ГfC†C- РiРiРµРrРµPSPSCц C-PSC,,ГfР·C-C— C” PsР·PSP°РePsнс
РiРµнсРёРiРµPSPsР·PSPsРiРs РiРiРµРrРµPSPSCц.

Рj нсP°Р·C- РiРёPSPёРёPSPµPSPSCц РµРeГfC,нсP°РiР°Р·Р°C†C-C— C-PSC,,ГfР·C-нс Р°Р±Ps
C-PSнсC”РeC†C-нс ГfР»C-Рr PSPµРiР°РNсPSPs РiнсРёРёРiРёPSPёC,Рё; РiPsР»РeГf ГfР»C-Рr
Р·Р°Р»Р»РёРёC,Рё PSP° РjC-ГfC†C- PSP° РePsнсPsC,РeРёРNс РiРµнсC-РsРr, Р° РiРsC,C-Рj
РiРёРNсPSCц,Рё РiC-ГfР»Cц РePsнсPsC,РePsC,нсРёРiР°Р»РsC— Р°ГfРiC-нсP°C†C-C—.

Рj нсP°Р·C- РiРёPSPёРёPSPµPSPSCц РµРeГfC,нсP°РiР°Р·Р°C†C-C— нсPsР·РiРsC†РёPSP°C,Рё
РiРSC†C,нсC-СёPSCнсРiРµPSPSC† C-PSC,,ГfР·C-нс РrРµРeГfнсP°Р·PsРeГfР°PSC†
ГfР»C-Рr PSPµ РiC-Р·PSC-СёРµ цРiРe C†РµнсРµР· 6 РiPsРrРёPS РiC-ГfР»Cц
РµРeГfC,нсP°РiР°Р·Р°C†C-C—. РiРeC%Ps РrРµРeГfнсP°Р·PsРeГfР°PS
РiнсPsC,РёРiРsРeР°Р·Р°PSPёРNс, нсРµРsРjРµPSPrPsРiР°PSPs Р·Р°ГfC,PsГfC†РiР°PSPSCц 99
% РrРёРjРµC,РёР»ГfC†Р»нсC,,PsРeГfРёРrГf РjC-ГfC†РµРiРs PSP° РiРsРiРµнсC...PSC-,
цРiРeР° РiРrРiC-C†C- РiРµнсРµРiРёC%ГfC” нсPsР·РjC-нс РiРsРiРµнсC...PSC-, РiнсPs
цРiРeГf РNсРrРµC,нсГfCц (4 РeнсP°РiР»C- PSP° СёРeC-нсC† PSP° 10 ГfРj²
РiPsРiРµнсC...PSC- C,C-Р»Р°); РiнсPsC†РµРrГfГf ГfР»C-Рr РiнсPsРiРsРrРёC,Рё 3 нсP°Р·Рё
PSP° РrPsР±Гf РiнсPsC,цРiРsРj C%PsPSP°РNсРjРµPSCёРµ 14 РrPSC-Рi. Рj нсP°Р·C-
PSPµPsР±C...C-РrPSPsГfC,C- ГfР»C-Рr РiнсPsРiРsРrРёC,Рё PsC†РёC%РµPSPSCц нсP°PSPё.
Рj Р·РiнсCцР·РeГf Р· Р°PSC,Р°РiРsPSC-ГfC,РёC†PSPёРj РjРµC...Р°PSC-Р·РjPsРj
РiPsРiРµнсC...PSCнс ГfР»C-Рr PsC...PsР»PsРrРёC,Рё РiC-ГfР»Cц Р·Р°ГfC,PsГfC†РiР°PSPSCц
РrРёРjРµC,РёР»ГfC†Р»нсC,,PsРeГfРёРrГf РrР»Cц Р·РjРµPSCёРµPSPSCц Р±PsР»нс.
Р”РёРjРµC,РёР»ГfC†Р»нсC,,PsРeГfРёРr PSPµ РjPsР¶PSP° Р·Р°ГfC,PsГfPsРiC†РiР°C,Рё
РiР°C†C-C”PSC,Р°Рj, цРiРeC- РiнсРёРёРNсРjР°нсC,нс РrРµРeГfнсP°Р·PsРeГfР°PS РrР»Cц
Р»C-РeГfРiР°PSPSCц РµРeГfC,нсP°РiР°Р·Р°C†C-C—, ГfРiнсРёC†РёPSPµPSPsC—
Р°PSC,нсP°C†РёРёР»C-PSP°РjРё.

РµPsР±C-C†PSC- нсРµР°Р·РeC†C-C—.

Р»C-РeГfРiР°PSPSCц РrPsРeГfPsнсC†Р±C-Ц†РёPSPsРj C†Р°ГfC,Ps ГfРiнсРёC†РёPSCцC”
РiPsР±C-C†PSC- нсРµР°Р·РeC†C-C—, C- РrРµCцРeC- Р· Ц†РёC... нсРµР°Р·РeC†C-РNс
РrPsГfРёC,нс ГfРµнсРNсPsР·PSC-, C,PsРjГf РiРsC,нсC-Р±PSPёРNс нсРµC,РµР»нсPSPёРNс
PSP°РiР»CцРr Р·Р° ГfC,Р°PSPsРj РiР°C†C-C”PSC,Р°. P§Р°ГfC,PsC,Р° C- РiРёРr
РiPsР±C-C†PSPёC... нсРµР°Р·РeC†C-РNс Р·Р°Р»РµРµР°C,нс РiC-Рr СёРiРёРrРePsГfC,C-

PIPIPμPrPμPSPSCΠ C,P° PrPsP·Pë PiCḡPμPiP°CḡP°C,Cr.

PhCÍPSPsPIPSpPjPë PiPsP±C-C±PSPëPjPë PiCḡPsCΠIPIP°PjPë C" PiCḡPëPiPSC-C±PμPSPSCΠ
PeC-CÍC,PePsPIPsPiPs PjPsP·PeCr C,P° PeP°CḡPrC-PsC,PsPeCÍPëC±PSC-CÍC,Ch (PrPëPI.
CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSCΠB»).

PŸCrPiCḡPμCÍC-CΠ PeC-CÍC,PePsPIPsPiPs PjPsP·PeCr C" PiPsCÍC,CḡPsCḡ
PrPsP·PsP»C-PjC-C,CrCḡC±PsCḡ PiPsP±C-C±PSPsCḡ CḡPμP°PeC†C-Cḡ, P°P»Pμ Cr
P±C-P»CHC€PsCÍC,C- PIPëPiP°PrPeC-PI PePsCḡPsC,PePsC±P°CÍPSPsCḡ.

PḡP»C-PSC-C±PSPëPjPë PSP°CÍP»C-PrPeP°PjPë
PeC-CÍC,PePsPIPsPjPsP·PePsPIPsC-/PiPμPjP°C,PsP»PsPiC-C±PSPsC- C,PsPeCÍPëC±PSPsCÍC,C-
PrPsPeCÍPsCḡCrP±C-C†PëPSCr PjPsP¶CÍC,Ch P±CrC,Pë PiC-PrPIPëC%PμPSPSCΠ
C,PμPjPiPμCḡP°C,CrCḡPë C,C-P»P°, C-PSC,,PμPeC†C-C-,
CÍPμPiCÍPëCÍ/CÍPμPiC,PëC†PμPjC-CΠ, CÍPμPiC,PëC±PSPëPμ C€PsPe, PeCḡPsPIPsPIPëP»PëPIPë,
C,PeP°PSPëPSPSP° PiC-PiPsPeCÍC-CΠ P°P±Ps P»PμC,P°P»CHPSPëPμ PSP°CÍP»C-PrPsPe.
PḡP°PμP¶Pμ Cr PICÍC-C... PiP°C†C-C"PSC,C-PI CÍPiPsCÍC,PμCḡC-PiP°CḡC,Ch PSCrPrPsC,Cr
C,P° P±P»CḡPIP°PSPSCΠ.

PkP°PμC±P°CÍC,C-C€PëPj PiPsP±C-C±PSPëPj PμC,,PμPeC,PsPj, C%Ps PIPëPSPëPeP°C" Cr 86 %
PIPëPiP°PrPeC-PI, C" P°P»PsPiPμC†C-CΠ. Pj C±PsP»PsPIC-PeC-PI P»C-PeCrPIP°PSPSCΠ
CÍCrPiCḡPsPIPsPrP¶CÍC"C,ChCÍCΠ PiCḡPëPiPëPSPμPSPSCΠPj CḡPsCÍC,Cr P±PsCḡPsPrPë C-
PICrCÍC-PI, PiCḡPsC,Pμ PiC-CÍP»CΠ PiCḡPëPiPëPSPμPSPSCΠ C,PμCḡP°PiC-C- CḡC-CÍC,
PIPsP»PsCÍCÍCΠ PIC-PrPSPsPIP»CḡC"C,ChCÍCΠ.

PμCḡPëP±P»PëP·PSPs C±PμCḡPμP· 5-10 PrPSC-PI PiC-CÍP»CΠ PiPsC±P°C,PeCr
P»C-PeCrPIP°PSPSCΠ PjPsP¶Pμ PIPëPSPëPePSCrC,Pë CÍC,PsPjP°C,PëC,, PÍPIPsCḡPsP±P°
PiCḡPsCΠIPIP»CΠC"C,ChCÍCΠ Cr PIPëPiP»CΠPrC- P±PsP»C-CÍPSPëC... PμCḡPsP·C-Pμ,
CḡPsP·C,P°C€PsPIP°PSPëC... PSP° P±PsPePsPIPëC... PeCḡP°CΠC... CΠP·PëPeP° C,P°
CÍP»PëP·PsPIC-Pμ PsP±PsP»PsPSC†C- PiC-Pr CΠP·PëPePsPj. P§P°CÍC,PsC,P° C,P°
CÍC,CrPiC-PSCḡ C,CΠP¶PePsCÍC,C- PIPëC%C- PiCḡPë CÍC...PμPjP°C... PrPsP·CrPIP°PSPSCΠ,
P·P° CΠPePëPjPë PrPsPeCÍPsCḡCrP±C-C†PëPS CÍP»C-Pr PIPiPsPrPëC,Pë 3 PrPSC-
PiPsCÍPiC-P»Ch.

P'PSCrC,CḡC-C€PSCḡPsPjC-C...CrCḡPsPIPμ PIPIPμPrPμPSPSCΠ PjPsP¶Pμ
CÍPiCḡPëC±PëPSPëC,Pë C,P°PeC- PiPsP±C-C±PSC- CḡPμP°PeC†C-C-: PiPμPjP°C,CrCḡC-CΠ,
PiPsPrCḡP°P·PSPμPSPSCΠ PjC-C...CrCḡP° C,P° CrCḡPμC,CḡPë, PIC-PrC±CrC,C,CΠ
PiPμC±C-PSPSCΠ PI PrC-P»CΠPSC†C- CÍPμC±PsPIPsPiPs PjC-C...CrCḡP° C,P° PiCḡPë
CÍPμC±PsPIPëPiCrCÍPeP°PSPSC-, PrPëP·CrCḡC-CΠ, CrC,CḡCrPrPSPμPSPμ
CÍPμC±PsPIPëPiCrCÍPeP°PSPSCΠ C- PiPsP»P°PeC-CrCḡC-CΠ. P-P°P·PIPëC±P°Pμ C†C-
CḡPμP°PeC†C-C- CÍPμCḡPμPrPSCḡPsC- C,CΠP¶PePsCÍC,C- C- PSPμC,CḡPëPIP°P»C-.

P'PSCrC,CḡC-C€PSCḡPsPjC-C...CrCḡPsPIPμ PIPIPμPrPμPSPSCΠ
PrPsPeCÍPsCḡCrP±C-C†PëPSCr C-PSPsPrC- PjPsP¶Pμ CÍPiCḡPëC±PëPSCΠC,Pë
PiPμPjPsCḡP°PiC-C±PSPëPμ C†PëCÍC,PëC,, C†Pμ PjPsP¶Pμ PiCḡPëP·PIPμCÍC,Pë PrPs
P·PSPëP¶PμPSPSCΠ PjC-CÍC,PePsCÍC,C- CÍPμC±PsPIPsPiPs PjC-C...CrCḡP°.

P·PeCÍC,CḡP°PIP°P·P°C†C-CΠ PjPsP¶Pμ PiCḡPëP·PIPμCÍC,Pë PrPs C,CΠP¶PePsPiPs
C†PμP»CḡP»C-C,Cr, CrC,PIPsCḡPμPSPSCΠ PiCrC...PëCḡC-PI, C,CḡPsPjP±PsC,,P»PμP±C-C,Cr,
P»C-PjC,,P°PSPiC-C,Cr C- P»PsPeP°P»CHPSPsPiPs PSPμPeCḡPsP·Cr C,PeP°PSPëPS, C%Ps
PjPsP¶Pμ PiPsC,CḡPμP±CrPIP°C,Pë PsPiPμCḡP°C,PëPIPSsPiPs PIC,CḡCrC±P°PSPSCΠ (PI
C,PsPjCr C±PëCÍP»C- C,CḡP°PSCÍPiP»P°PSC,P°C†C-C- C€PeC-CḡPë).

PαP»PμP±PsCÍPeP»PμCḡPsP·, P·PsPeCḡPμPjP°, PIC-PrP·PSP°C±P°C"C,ChCÍCΠ PiCḡPë
PIPIPμPrPμPSPSC- PiCḡPμPiP°CḡP°C,Cr Cr CÍCrPrPëPSPë PjP°P»PsPiPs PrC-P°PjPμC,CḡP°

$P^\circ P \pm Ps$ C_r $PIP \ddot{P} \ddot{P}^\circ PrPeP^\circ C \dots$ $\ddot{P} \ddot{P} PsPIC, PsC\overline{H}PSP\ddot{P}eC \dots$ $C-PS_{\overline{B}}\overline{H}^{\text{TM}} C''PeC \dagger C-PN_{\overline{e}}$ PI $PsPrPSC_r$ $C-$ $C,$ C_r $P\overline{H}$ $C_r P^\circ P_j C_r$ $PIP_{\mu}PSC_r$ ($PrP\ddot{P}PI$. $C\overline{H}PsP \cdot PrC-P \gg B \ll P\ddot{Y} \ddot{P} \ddot{P} PsC_r C-P \pm P \cdot P^\circ C_r C, PsC_r C_r PIP^\circ PSPSC_{\overline{H}}$ $C, P^\circ PrPsP \cdot P\ddot{B} \gg$).

$P\acute{K}P\ddot{P}\overline{H}C \ddagger P_{\mu}$ $\ddot{P}iC\overline{H}P_{\mu}PrC_r C, P^\circ PIP \gg P_{\mu}PSP^\circ PeP \gg P^\circ C_r P\ddot{P}eC, C-PeP^\circ C \dagger C-C_{\overline{H}}$ $\ddot{P} \ddot{P} PsP \pm C-C \ddagger PSP\ddot{P}eC \dots$ $C\overline{H}P_{\mu}P^\circ PeC \dagger C-PN_{\overline{e}}$, $C\%_{\overline{O}}Ps$ $PIP\ddot{P}PSP\ddot{P}ePeP^\circ C\overline{H}C, CH$ C_r $P \cdot PI_{\overline{B}}\overline{H}^{\text{TM}} C_{\overline{H}}P \cdot PeC_r$ $C-P \cdot$ $P \cdot P^\circ C_r C, PsC_r C_r PIP^\circ PSPSC_{\overline{H}}P_j$ $PrPsPeC_r PsC\overline{H}C_r P \pm C-C \dagger P\ddot{P}PSC_r$, $P \cdot P^\circ PeP \gg P^\circ C_r P^\circ P_j P\ddot{P}$ $C_r C\overline{H}P^\circ P\overline{H}P_{\mu}PSP\ddot{P}eC \dots$ $PsC\overline{H}P_i P^\circ PSC-PI$ (MedDRA) $C-$ $C \ddagger P^\circ C_r C, PsC, PsC\overline{H}$: $PrC_r P\overline{H}P_{\mu}$ $C \ddagger P^\circ C_r C, Ps$ ($\geq 1/10$), $C \ddagger P^\circ C_r C, Ps$ ($PIC-Pr \geq 1/100$ $PrPs < 1/10$), $PSP_{\mu}C \ddagger P^\circ C_r C, Ps$ ($PIC-Pr \geq 1/1000$ $PrPs < 1/100$), $C\overline{H}C-PrPePs$ ($PIC-Pr \geq 1/10000$ $PrPs < 1/1000$), $PrC_r P\overline{H}P_{\mu}$ $C\overline{H}C-PrPePs$ ($< 1/10000$), $C \ddagger P^\circ C_r C, PsC, P^\circ$ $PSP_{\mu}PIC-PrPsP_j P^\circ$ ($PSP_{\mu}P_j PsP\overline{H}P \gg P\ddot{P}IPs$ $PsC \dagger C-PSP\ddot{P}eC, P\ddot{P}$, $PIP\ddot{P}eC \dots PsPrC_{\overline{H}}C \ddagger P\ddot{P}$ $P \cdot$ $PSP^\circ C_{\overline{H}}PIPSP\ddot{P}eC \dots$ $PrP^\circ PSP\ddot{P}eC \dots$).

$P \dagger PSC, P_{\mu}PeC \dagger C-C-$ $C, P^\circ C-PSIP^\circ P \cdot C-C-$: $PrC_r P\overline{H}P_{\mu}$ $C \ddagger P^\circ C_r C, Ps$ — $C-PSC, P_{\mu}PeC \dagger C-C-$; $C \ddagger P^\circ C_r C, Ps$ — $C_r P_{\mu}P_i C_r P\ddot{P}eC_r$, $C_r P_{\mu}P_i C, P\ddot{P}eC \dagger P_{\mu}P_j C-C_{\overline{H}}$.

$P''PsP \pm C\overline{H}PsC_{\overline{H}}PeC-C_r PSC-$ $C, P^\circ P \cdot P \gg PsC_{\overline{H}}PeC-C_r PSC-$ $PSP_{\mu}PsP_i P \gg P^\circ P \cdot P_j P\ddot{P}^* C, P^\circ$ $C \acute{z} C, PIPsC\overline{H}P_{\mu}PSPSC_{\overline{H}}$ $PSP_{\mu}PIC-PrPsP_j PsC-$ $P_{\mu}C, C-PsP \gg PsP_i C-C-$ ($PIPeP \gg C\overline{H}C \ddagger P^\circ C\overline{H}C \ddagger P\ddot{P}$ $PeC-C_r C, P\ddot{P}$ $C-$ $P_i PsP \gg C-P_i P\ddot{P}$): $PSP_{\mu}C \ddagger P^\circ C_r C, Ps$ — $P_i PsC_r C, C\overline{H}P\ddot{P}PN_{\overline{e}}$ $P \gg C-P_j C, PsP \pm P \gg P^\circ C_r C, PSP\ddot{P}PN_{\overline{e}}$ $P \gg P_{\mu}PN_{\overline{e}}PePsP \cdot$, $P_i PsC_r C, C\overline{H}P\ddot{P}PN_{\overline{e}}$ $P_j C-C''P \gg PsP \pm P \gg P^\circ C_r C, PSP\ddot{P}PN_{\overline{e}}$ $P \gg P_{\mu}PN_{\overline{e}}PePsP \cdot$ ($P \cdot P_i P_{\mu}C\overline{H}P_{\mu}PrP \gg P_{\mu}PN_{\overline{e}}PePsP \cdot PSPsC\overline{H}$ $C, P^\circ P \cdot PsC\overline{H}$ $P^\circ P \pm Ps$ $P \pm P_{\mu}P \cdot$ $PSP_{\mu}C-$) C_r $P_i P^\circ C \dagger C-C''PSC, C-PI$, $C_{\overline{H}}PeC-$ $P \gg C-PeC_r PIP^\circ P \gg P\ddot{P}eC_r C_{\overline{H}}$ $PrPsPeC_r PsC\overline{H}C_r P \pm C-C \dagger P\ddot{P}PSPsP_j$ C_r $P_i PsC''PrPSP^\circ PSPSC-$ $P \cdot C-PSC\epsilon P\ddot{P}P_j P\ddot{P}$ $P^\circ PSC, P\ddot{P}PSP_{\mu}PsP_i P \gg P^\circ C_r C, P\ddot{P}eC \ddagger PSP\ddot{P}P_j P\ddot{P}$ $P_i C\overline{H}P_{\mu}P_i P^\circ C\overline{H}P^\circ C, P^\circ P_j P\ddot{P}$, $C\%_{\overline{O}}Ps$ $P_i PsC\epsilon PePsPrP\overline{H}C_r C\overline{H}C, CH$ $P''P\acute{K}P_{\overline{B}}$. $P \gg P^\circ C, P_{\mu}PSC, PSP\ddot{P}PN_{\overline{e}}$ $P_i P_{\mu}C\overline{H}C-PsPr$ C_r $C, P^\circ PeP\ddot{P}eC \dots$ $PIP\ddot{P}P_i P^\circ PrPeP^\circ C \dots$ $P_j PsP\overline{H}P_{\mu}$ $P \pm C_r C, P\ddot{P}$ $PePsC\overline{H}PsC, PeP\ddot{P}P_j$ (1-3 $C\overline{H}PsPeP\ddot{P}$).

$P-$ $P \pm PsPeC \acute{z} C_r P\ddot{P}eC_r C, P_{\mu}P_j P\ddot{P}$ $PeC\overline{H}PsPIC-$ $C, P^\circ P \gg C-P_j C, P^\circ C, P\ddot{P}eC \ddagger PSPsC-$ $C_r P\ddot{P}eC_r C, P_{\mu}P_j P\ddot{P}$: $PrC_r P\overline{H}P_{\mu}$ $C \ddagger P^\circ C_r C, Ps$ — $P_j C-C''P \gg PsC_r C_r P_i C\overline{H}P_{\mu}C_r C-C_{\overline{H}}^{**}$, $P \gg P_{\mu}PN_{\overline{e}}PePsP_i P_{\mu}PSC-C_{\overline{H}}$, $PSP_{\mu}PN_{\overline{e}}C, C\overline{H}PsP_i P_{\mu}PSC-C_{\overline{H}}$, $P^\circ PSP_{\mu}P_j C-C_{\overline{H}}$ C, P° $C, C\overline{H}PsP_j P \pm PsC \dagger P\ddot{P}eC, PsP_i P_{\mu}PSC-C_{\overline{H}}$; $PrC_r P\overline{H}P_{\mu}$ $C\overline{H}C-PrPePs$ — $C_r P_{\mu}P_i C, P\ddot{P}eC \ddagger PSP\ddot{P}PN_{\overline{e}}$ $C\epsilon PsPe$, $PeC\overline{H}PsPIP_sC, P_{\mu}C \ddagger P^\circ$, $C, PeP^\circ PSP\ddot{P}PSP^\circ$ $P_i C-P_i PsPeC_r C-C_{\overline{H}}$ $P^\circ P \pm Ps$ $P \gg P_{\mu}C, P^\circ P \gg CHPSP\ddot{P}PN_{\overline{e}}$ $PSP^\circ C_r P \gg C-PrPsPe$.

$P-$ $P \pm PsPeC \acute{z} C-P_j C \acute{z} PSPSPsC-$ $C_r P\ddot{P}eC_r C, P_{\mu}P_j P\ddot{P}$: $C\overline{H}C-PrPePs$ — $P^\circ PSP^\circ C, C-P \gg P^\circ PeC, P\ddot{P}eC \ddagger PSC-$ $C\overline{H}P_{\mu}P^\circ PeC \dagger C-C-$; $C \ddagger P^\circ C_r C, PsC, P^\circ$ $PSP_{\mu}PIC-PrPsP_j P^\circ$ — $P^\circ PSP^\circ C, C-P \gg P^\circ PeC, P\ddot{P}eC \ddagger PSP\ddot{P}PN_{\overline{e}}$ $C\epsilon PsPe$.

$P-$ $P \pm PsPeC \acute{z} C\overline{H}P_{\mu}P_i C\overline{H}PsPrC \acute{z} PeC, P\ddot{P}PIPSPsC-$ $C_r P\ddot{P}eC_r C, P_{\mu}P_j P\ddot{P}$: $PrC_r P\overline{H}P_{\mu}$ $C\overline{H}C-PrPePs$ — $P^\circ P_j P_{\mu}PSPsC\overline{H}P_{\mu}C_{\overline{H}}$, $PsP \gg C-P_i PsC_r P_i P_{\mu}C\overline{H}P_j C-C_{\overline{H}}B$ $P^\circ P \pm Ps$ $P^\circ P \cdot PsC_r P_i P_{\mu}C\overline{H}P_j C-C_{\overline{H}}$, $P_i C\overline{H}P\ddot{P}P_i P \gg P\ddot{P}IP\ddot{P}$.

$P-$ $P \pm PsPeC \acute{z} P_j P_{\mu}C, P^\circ P \pm PsP \gg C-P \cdot P_j C \acute{z} C, P^\circ C \dots P^\circ C\overline{H}C \ddagger C \acute{z} PIP^\circ PSPSC_{\overline{H}}$: $PrC_r P\overline{H}P_{\mu}$ $C \ddagger P^\circ C_r C, Ps$ — $P \cdot PSP\ddot{P}P\overline{H}P_{\mu}PSPSC_{\overline{H}}$ $P^\circ P_i P_{\mu}C, P\ddot{P}eC, C_r$, $P \cdot P_j P_{\mu}PSC\epsilon P_{\mu}PSPSC_{\overline{H}}$ $P_j P^\circ C_r P\ddot{P}eC, C-P \gg P^\circ$; $PrC_r P\overline{H}P_{\mu}$ $C\overline{H}C-PrPePs$ — $P_i C-P_i P_{\mu}C\overline{H}C_r C\overline{H}P\ddot{P}eP_{\mu}P_j C-C_{\overline{H}}$; $C \ddagger P^\circ C_r C, PsC, P^\circ$ $PSP_{\mu}PIC-PrPsP_j P^\circ$ — $PrP_{\mu}P_i C-PrC\overline{H}P^\circ C, P^\circ C \dagger C-C_{\overline{H}}$, $P^\circ PSPsC\overline{H}P_{\mu}PeC_r C-C_{\overline{H}}$.

$P-$ $P \pm PsPeC \acute{z} PsC\overline{H}P_i P^\circ PSC-PI$ $P \cdot PsC\overline{H}C \acute{z}$: $C \ddagger P^\circ C_r C, Ps$ — $PePsPS_{\overline{B}}\overline{H}^{\text{TM}} C\overline{H}PSPeC, P\ddot{P}PIC-C,$; $C \ddagger P^\circ C_r C, PsC, P^\circ$ $PSP_{\mu}PIC-PrPsP_j P^\circ$ — $P_i PsC_r P\ddot{P}eP \gg P_{\mu}PSP_{\mu}$ $C_r P \gg CHPsP \cdot PsPIP\ddot{P}PrC-P \gg P_{\mu}PSPSC_{\overline{H}}$, $PSP_{\mu}C \ddagger C-C, PeC-C_r C, CH$ $P \cdot PsC\overline{H}C_r$, $PeP_{\mu}C\overline{H}P^\circ C, P\ddot{P}eC,$.

$P - P \pm PsPeCz \text{ } C\acute{I}P\mu C\bar{H}C\bar{I}C\bar{I}$: $PrCrP\bar{I}P\mu \text{ } C\ddagger P^{\circ}C\acute{I}C,Ps -$
 $PeP^{\circ}C\bar{H}PrC-PsC,PsPeC\acute{I}P\ddot{e}C\ddagger PSC-C\acute{I}C,CH^{***},C\bar{I}PeP^{\circ} \text{ } PjPsP\bar{I}P\mu \text{ } P\ddot{i}C\bar{H}PsC\bar{I}PIP\gg C\bar{I}C,P\ddot{e}C\acute{I}C\bar{I} \text{ } Cr$
 $PIP\ddot{e}PiP\gg C\bar{I}PrC- \text{ } C,P^{\circ}C...C-PeP^{\circ}C\bar{H}PrC-C-, \text{ } PI \text{ } C,PsPjCr \text{ } C\ddagger P\ddot{e}C\acute{I}P\gg C-$
 $PSP^{\circ}PrC\epsilon P\gg CrPSPsC\ddagger PePsPIPsC- \text{ } C,P^{\circ}C...C-PeP^{\circ}C\bar{H}PrC-C- \text{ } C,P^{\circ} \text{ } P\cdot PjC-PS \text{ } PSP^{\circ} \text{ } P\cdot P\bar{L}P^{\circ};$
 $C\ddagger P^{\circ}C\acute{I}C,Ps - \text{ } P-P\bar{Y}P\acute{K}, \text{ } PePsPSPIP\mu C\acute{I}C,P\ddot{e}PIPSP^{\circ} \text{ } (PrP\ddot{e}P\gg P^{\circ}C,P^{\circ}C\ddagger C-PN\ddot{e}PSP^{\circ})$
 $PeP^{\circ}C\bar{H}PrC-PsPjC-PsPiP^{\circ}C,C-C\bar{I} \text{ } C-P\cdot \text{ } P\cdot P^{\circ}PiC\bar{H}PsP\cdot PsC\bar{H} \text{ } PrP\gg C\bar{I} \text{ } P\bar{I}P\ddot{e}C,C,C\bar{I} \text{ } (P\ddot{i}C-C\acute{I}P\gg C\bar{I}$
 $PeCrPjCrP\gg C\bar{I}C,P\ddot{e}PIPSPsC- \text{ } PrPsP\cdot P\ddot{e} \text{ } 550 \text{ } PjPi/Pj^2), \text{ } C\acute{I}P\ddot{e}PSC\acute{I}C\acute{I}PsPIP^{\circ}$
 $C,P^{\circ}C...C-PeP^{\circ}C\bar{H}PrC-C\bar{I}, \text{ } PIP\mu PSC,C\bar{H}P\ddot{e}PeCrP\gg C\bar{I}C\bar{H}PSP^{\circ} \text{ } C,P^{\circ}C...C-PeP^{\circ}C\bar{H}PrC-C\bar{I},$
 $C\acute{I}CrPiC\bar{H}P^{\circ}PIP\mu PSC,C\bar{H}P\ddot{e}PeCrP\gg C\bar{I}C\bar{H}PSP^{\circ} \text{ } C,P^{\circ} \text{ } PIP\mu PSC,C\bar{H}P\ddot{e}PeCrP\gg C\bar{I}C\bar{H}PSP^{\circ}$
 $P\mu PeC\acute{I}C,C\bar{H}P^{\circ}C\acute{I}P\ddot{e}C\acute{I}C,PsP\gg C-C\bar{I}, \text{ } P\pm C\bar{H}P^{\circ}PrP\ddot{e}PeP^{\circ}C\bar{H}PrC-C\bar{I}, \text{ } P^{\circ}C\bar{H}P\ddot{e}C,PjC-C\bar{I},$
 $P^{\circ}C\acute{I}P\ddot{e}PjPiC,PsPjP^{\circ}C,P\ddot{e}C\ddagger PSP\mu \text{ } P\cdot PjP\mu PSC\epsilon P\mu PSPSC\bar{I} \text{ } C,,C\bar{H}P^{\circ}PeC\ddagger C-C- \text{ } PIP\ddot{e}PeP\ddot{e}PrCr$
 $P\gg C-PIPsPiPs \text{ } C\epsilon P\gg CrPSPsC\ddagger PeP^{\circ}; \text{ } PrCrP\bar{I}P\mu \text{ } C\bar{H}C-PrPePs - \text{ } PSP\mu C\acute{I}PiP\mu C\ddagger P\ddot{e}C,,C-C\ddagger PSC-$
 $P\cdot PjC-PSP\ddot{e} \text{ } PSP^{\circ} \text{ } P\cdot P\bar{L}P^{\circ} \text{ } (P\cdot PjC-PSP\ddot{e} \text{ } C\acute{I}P\mu PiPjP\mu PSC,P^{\circ} \text{ } S-T, \text{ } PSP\ddot{e}P\cdot CHPeP\ddot{e}PN\ddot{e} \text{ } PIPsP\gg CHC,P^{\circ}P\bar{I},$
 $PiPsPrPsPIP\bar{I}P\mu PSPSC\bar{I} \text{ } C-PSC,P\mu C\bar{H}PIP^{\circ}P\gg Cr \text{ } Q-T), \text{ } PsPeC\bar{H}P\mu PjC- \text{ } PIP\ddot{e}PiP^{\circ}PrPeP\ddot{e}$
 $P^{\circ}C\bar{H}P\ddot{e}C,PjC-C- \text{ } C-P\cdot \text{ } P\cdot P^{\circ}PiC\bar{H}PsP\cdot PsC\bar{H} \text{ } PrP\gg C\bar{I} \text{ } P\bar{I}P\ddot{e}C,C,C\bar{I}, \text{ } PiPsC\acute{I}C,C\bar{H}P^{\circ}$
 $P\gg C-PIPsC\epsilon P\gg CrPSPsC\ddagger PePsPIP^{\circ} \text{ } PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,CH, \text{ } PiP\mu C\bar{H}P\ddot{e}PeP^{\circ}C\bar{H}PrP\ddot{e}C,,$
 $C\acute{I}P\ddot{e}PSPrC\bar{H}PsPj \text{ } PiP\mu C\bar{H}P\ddot{e}PeP^{\circ}C\bar{H}PrP\ddot{e}C,C\acute{I}/PjC-PsPeP^{\circ}C\bar{H}PrP\ddot{e}C,C\acute{I} \text{ } P\cdot \text{ } P\gg P\mu C,P^{\circ}P\gg CHPSP\ddot{e}Pj$
 $PSP^{\circ}C\acute{I}P\gg C-PrPePsPj; \text{ } C\ddagger P^{\circ}C\acute{I}C,PsC,P^{\circ} \text{ } PSP\mu PIC-PrPsPjP^{\circ} -$
 $P^{\circ}C,C\bar{H}C-PsPIP\mu PSC,C\bar{H}P\ddot{e}PeCrP\gg C\bar{I}C\bar{H}PSP^{\circ} \text{ } P\pm P\gg PsPeP^{\circ}PrP^{\circ}, \text{ } C,P^{\circ}C...C-P^{\circ}C\bar{H}P\ddot{e}C,PjC-C\bar{I},$
 $P\pm P\gg PsPeP^{\circ}PrP^{\circ} \text{ } PSC-P\bar{I}PsPe \text{ } PiCrC\ddagger PeP^{\circ} \text{ } P^{\circ}C-C\acute{I}P^{\circ}.B$

$P \text{ } P\ddot{e}P\cdot P\ddot{e}Pe \text{ } C\bar{H}PsP\cdot PIP\ddot{e}C,PeCr \text{ } PeP^{\circ}C\bar{H}PrC-PsPjC-PsPiP^{\circ}C,C-C- \text{ } P\cdot C\bar{H}PsC\acute{I}C,P^{\circ}C^{\circ}B \text{ } P\cdot C-$
 $P\cdot C\bar{H}PsC\acute{I}C,P^{\circ}PSPSC\bar{I}Pj \text{ } C\acute{I}CrPeCrPiPSPsC- \text{ } PrPsP\cdot P\ddot{e} \text{ } PiC\bar{H}P\mu PiP^{\circ}C\bar{H}P^{\circ}C,C\acute{I}. \text{ } P\acute{K}P\mu \text{ } C\acute{I}P\gg C-Pr$
 $PiP\mu C\bar{H}P\mu PIP\ddot{e}C\%CrPIP^{\circ}C,P\ddot{e} \text{ } C\acute{I}CrPeCrPiPSC\acute{I} \text{ } PrPsP\cdot Cr \text{ } PI \text{ } 450-550 \text{ } PjPi/Pj^2 \text{ } PiPsPIP\mu C\bar{H}C...PSC-$
 $C,C-P\gg P^{\circ}, \text{ } C...PsC\ddagger P^{\circ} \text{ } PSP\mu PsP\pm PsC\bar{H}PsC,PSP^{\circ}B \text{ } P-P\bar{Y}P\acute{K} \text{ } PjPsP\bar{I}P\gg P\ddot{e}PIP^{\circ} \text{ } C- \text{ } PiC\bar{H}P\ddot{e}$
 $PsC,C\bar{H}P\ddot{e}PjP^{\circ}PSPSC- \text{ } PiC\bar{H}P\mu PiP^{\circ}C\bar{H}P^{\circ}C,C\acute{I} \text{ } PI \text{ } PrPsP\cdot C- \text{ } 240 \text{ } PjPi/Pj^2 \text{ } PiPsPIP\mu C\bar{H}C...PSC- \text{ } C,C-P\gg P^{\circ}.$

$P\alpha P^{\circ}PeC,PsC\bar{H}P^{\circ}PjP\ddot{e} \text{ } C\bar{H}P\ddot{e}P\cdot P\ddot{e}PeCr \text{ } C\acute{I}P\gg C-Pr \text{ } PIPIP^{\circ}P\bar{I}P^{\circ}C,P\ddot{e} \text{ } PIC-Pe \text{ } PIC-Pr \text{ } 70 \text{ } C\bar{H}PsPeC-PI$
 $P^{\circ}P\pm Ps \text{ } PrPs \text{ } 15 \text{ } C\bar{H}PsPeC-PI. \text{ } P\bar{Y}P^{\circ}PePsP\bar{I} \text{ } C^{\circ} \text{ } PiPsPIC-PrPsPjP\gg P\mu PSPSC\bar{I} \text{ } PiC\bar{H}Ps \text{ } C,P\mu, \text{ } C\%Ps$
 $PiPsPiP\mu C\bar{H}P\mu PrPSC^{\circ} \text{ } P^{\circ}P\pm Ps \text{ } PsPrPSPsC\ddagger P^{\circ}C\acute{I}PSP\mu \text{ } PsC,C\bar{H}P\ddot{e}PjP^{\circ}PSPSC\bar{I} \text{ } PjC-C,PsPjC-C\ddagger P\ddot{e}PSC\acute{I}$
 $P\bar{Y}, \text{ } C\ddagger P\ddot{e}PeP\gg PsC,,PsC\acute{I}C,,P^{\circ}PjC-PrCr \text{ } P^{\circ}P\pm Ps \text{ } PrP^{\circ}PeP^{\circ}C\bar{H}P\pm P^{\circ}P\cdot P\ddot{e}PSC\acute{I}B \text{ } B$
 $C\acute{I}PiC\bar{H}P\ddot{e}C\ddagger P\ddot{e}PSC\bar{I}C^{\circ} \text{ } C\bar{H}PsP\cdot PIP\ddot{e}C,PsPe \text{ } PeP^{\circ}C\bar{H}PrC-PsPjC-PsPiP^{\circ}C,C-C-,$
 $C-PSPrCrPePsPIP^{\circ}PSPsC- \text{ } PIPIP\mu PrP\mu PSPSC\bar{I}Pj \text{ } PrPsPeC\acute{I}PsC\bar{H}CrP\pm C-C\ddagger P\ddot{e}PSC\acute{I}.$

$PiPIP\ddot{e}C\%P^{\circ} \text{ } PeP^{\circ}C\bar{H}PrC-PsC,PsPeC\acute{I}P\ddot{e}C\ddagger PSPsPiPs \text{ } PIPiP\gg P\ddot{e}PIC\acute{I} \text{ } PjPsP\bar{I}C\acute{I}C,CH$
 $C\acute{I}PiPsC\acute{I}C,P\mu C\bar{H}C-PiP^{\circ}C,P\ddot{e}C\acute{I}CH \text{ } C\ddagger P\mu C\bar{H}P\mu P\cdot \text{ } PrP\mu PeC-P\gg CHPeP^{\circ} \text{ } C,P\ddot{e}P\bar{I}PSC-PI,$
 $PjC-C\acute{I}C\bar{I}C\ddagger C-PI,-B \text{ } P^{\circ}P\pm Ps \text{ } PSP^{\circ}PIC-C,CH \text{ } C\bar{H}PsPeC-PI \text{ } PiC-C\acute{I}P\gg C\bar{I} \text{ } P\cdot P^{\circ}PIP\mu C\bar{H}C\epsilon P\mu PSPSC\bar{I}$
 $C,P\mu C\bar{H}P^{\circ}PiC-C- \text{ } C-P\cdot \text{ } P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}CrPIP^{\circ}PSPSC\bar{I}Pj \text{ } PrPsPeC\acute{I}PsC\bar{H}CrP\pm C-C\ddagger P\ddot{e}PSC\acute{I}.$
 $P \text{ } P\ddot{e}P\cdot P\ddot{e}Pe \text{ } C\bar{H}PsP\cdot PIP\ddot{e}C,PeCr \text{ } C\acute{I}P\mu C\bar{H}C\ddagger P\mu PIPsC- \text{ } PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSPsC\acute{I}C,C- \text{ } Cr$
 $PiP^{\circ}C\ddagger C-C^{\circ}PSC,C-PI \text{ } C-P\cdot \text{ } PsPSPePsP\gg PsPiC-C\ddagger PSP\ddot{e}PjP\ddot{e} \text{ } P\cdot P^{\circ}C...PIPsC\bar{H}PIP^{\circ}PSPSC\bar{I}PjP\ddot{e}$
 $PiC\bar{H}P\ddot{e} \text{ } PsC,C\bar{H}P\ddot{e}PjP^{\circ}PSPSC- \text{ } PrPsPeC\acute{I}PsC\bar{H}CrP\pm C-C\ddagger P\ddot{e}PSC\acute{I} \text{ } P\cdot P\pm P\mu C\bar{H}C-PiP^{\circ}C^{\circ}C,CHC\acute{I}C\bar{I}$
 $PiC\bar{H}PsC,C\bar{I}PiPsPj \text{ } CrC\acute{I}CHPsPiPs \text{ } P\bar{I}P\ddot{e}C,C,C\bar{I}.$

$P - P \pm PsPeCz \text{ } C\acute{I}C\acute{I}PrP\ddot{e}PSPSPsC- \text{ } C\acute{I}P\ddot{e}C\acute{I}C,P\mu PjP\ddot{e}: \text{ } C\ddagger P^{\circ}C\acute{I}C,Ps - \text{ } PeC\bar{H}PsPIPsC,P\mu C\ddagger P^{\circ};$
 $PSP\mu C\ddagger P^{\circ}C\acute{I}C,Ps -B \text{ } C,C\bar{H}PsPjP\pm PsP\mu PjP\pm PsP\gg C-C\bar{I}; \text{ } C\ddagger P^{\circ}C\acute{I}C,PsC,P^{\circ} \text{ } PSP\mu PIC-PrPsPjP^{\circ}$
 $- \text{ } C,,P\gg P\mu P\pm C-C,, \text{ } C,C\bar{H}PsPjP\pm PsC,,P\gg P\mu P\pm C-C,, \text{ } PiC\bar{H}P\ddot{e}PiP\gg P\ddot{e}PIP\ddot{e} \text{ } PeC\bar{H}PsPIC-, \text{ } C\epsilon PsPe.$

$P - P \pm PsPeCz \text{ } PrP\ddot{e}C...P^{\circ}P\gg CHPSPsC- \text{ } C\acute{I}P\ddot{e}C\acute{I}C,P\mu PjP\ddot{e}, \text{ } PsC\bar{H}PiP^{\circ}PSC-PI$
 $PiC\bar{H}C\acute{I}PrPSPsC- \text{ } PeP\gg C-C,PeP\ddot{e} \text{ } C,P^{\circ} \text{ } C\acute{I}P\mu C\bar{H}P\mu PrPsC\acute{I}C,C-PSPSC\bar{I}: \text{ } C\bar{H}C-PrPePs -$
 $C,PsPeC\acute{I}P\ddot{e}C\ddagger PSP\mu \text{ } CrC\bar{H}P^{\circ}P\bar{I}P\mu PSPSC\bar{I} \text{ } P\gg P\mu PiP\mu PSC-PI \text{ } (P\cdot \text{ } C,P^{\circ}PeP\ddot{e}PjP\ddot{e} \text{ } PiC\bar{H}PsC\bar{I}PIP^{\circ}PjP\ddot{e},$
 $C\bar{I}Pe \text{ } C\ddagger P^{\circ}C\acute{I}C,P\mu \text{ } PrP\ddot{e}C...P^{\circ}PSPSC\bar{I}, \text{ } C\bar{I}PrCrC...P^{\circ}/PiP\gg P\mu PIC\bar{H}P^{\circ}P\gg CHPSP\ddot{e}PN\ddot{e} \text{ } PIP\ddot{e}PiC-C,,$

PsP±P»C-C, PμCḡCfCḡC±PëPNë P±CḡPsPSC...C-PsP»C-C, P· PïPSPμPIPjPsPSC-C"ḡCḡ,
P±CḡPsPSC...PsC†PμPSC, CḡPëC±PSPëPNë PiCḡP°PSCrP»PμPjP°C, PsP·/PiCḡPëPiPSC-C†PμPSPSCḡ
PrPëC...P°PSPSCḡ, C%Ps P·P°PiCḡPsPḡCfC" PḡPëC,C,Cḡ; CḡPëSPPrCḡPsPj, C%Ps
PSP°PiP°PrCfC" PiPsCḡC,PiCfP»CHPjPsPSPμPeC,PsPjC-C†PSPëPNë;
C-PSC,PμCḡCḡC,PëC†C-P°P»CHPSPëPNë PiPSPμPIPjPsPSC-C,; PiCḡPsPjPμPSPμPIPëPNë
PiPSPμPIPjPsPSC-C,; PμPjP±PsP»C-Cḡ P»PμPiPμPSPμPIPsC— P°CḡC,PμCḡC-C—);
PiPsCḡPëP»PμPSPSCḡ PeP°CëP»Cḡ, C,,P°CḡPëPSPiC-C,, C-PSC,,PμPeC†C-C— PIPμCḡC...PSC-C...
PIC-PrPrC-P»C-PI CḡPμCḡPïC-CḡP°C,PsCḡPSPsC— CḡPëCḡC,PμPjPë.

P— P±PsPeCḡ CëP»CḡPSPePsPIPs-PePëCëPePsPIPsPiPs C,CḡP°PeC,Cḡ: PrCfPḡPμ C†P°CḡC,Ps —
PjCfPePsP·PëC,/CḡC,PsPjP°C,PëC,, PμP·PsC,,P°PiC-C,,
PiP°CḡC,CḡPsC-PSC,PμCḡC,PëPSP°P»CHPSC- PiPsCḡCfCëPμPSPSCḡ****, PrC-P°CḡPμCḡ,
PSCfPrPsC,P°, P±P»CḡPIP°PSPSCḡ, PePsP»C-C,; C†P°CḡC,Ps — P±C-P»CH Cḡ PḡPëPIPsC,C-;
PSPμC†P°CḡC,Ps — PiP°CḡC,CḡPsC-PSC,PμCḡC,PëPSP°P»CHPSP° PeCḡPsPIPsC,PμC†P°,
P±C-P»CH Cḡ PḡPëPIPsC,C-, PSPμPeCḡPsP· C,PsPICḡC,PsC— PePëCëPePë P· PjP°CḡPëPIPsCḡ
PeCḡPsPIPsC,PμC†PμCḡ C,P° C,CḡPḡPePëPjPë C-PSC,,PμPeC†C-CḡPjPë; PrCfPḡPμ CḡC-PrPePs
— PμCḡPsP·C-C—/PIPëCḡP°P·PePë CḡP»PëP·PsPIPsC— PsP±PsP»PsPSPePë CëP»CḡPSPeP°,
PIPëCḡP°P·PePë CḡP»PëP·PsPIPsC— PsP±PsP»PsPSPePë (CḡPsC,PsPIP° PiPsCḡPsPḡPSPëPSP°,
PiP»PsC,PeP°, CḡC,CḡP°PIPsC...C-Pr, CëP»CḡPSPePsPIPs-PePëCëPePsPIPëPNë C,CḡP°PeC,),
PiC-PiPμCḡPiC-PiPjPμPSC,P°C†C-Cḡ CḡP»PëP·PsPIPsC— PsP±PsP»PsPSPePë CḡPsC,PsPIPsC—
PiPsCḡPsPḡPSPëPSPë.

P— P±PsPeCḡ PiPμPiP°C,PsP±C-P»C-P°CḡPSPsC— CḡPëCḡC,PμPjPë: C†P°CḡC,PsC,P°
PSPμPIC-PrPsPjP° — PiPμPiP°C,PsC,PsPeCḡPëC†PSC-CḡC,CH (C-PSPsPrC- P·
CḡPsP·PIPëC,PePsPj C†PëCḡPsP·Cḡ), PSPμP·PSP°C†PSPμ C,CḡP°PSP·PëC,PsCḡPSPμ
PiC-PrPIPëC%PμPSPSCḡ CḡC-PIPsCḡ PiPμC†C-PSPePsPIPëC... C,,PμCḡPjPμPSC,C-PI,
PiC-PrPIPëC%PμPSPSCḡ CḡC-PIPsCḡ P·P°PiP°P»CHPSPsPiPs P±C-P»C-CḡCfP±C-PSCf. Pj
CḡP°P·C- CḡCfPiCfC,PSCHPsC— PiCḡPsPjPμPSPμPIPsC— C,PμCḡP°PiC-C— PSP°
PrC-P»CḡPSPeCḡ PiPμC†C-PSPePë PjPsPḡP»PëPIC- C,CḡPḡPeC- PiPμPiP°C,PsC,PsPeCḡPëC†PSC-
PμC,,PμPeC,Pë, C%Ps PjPsPḡCfC,CH PiCḡPëP·PIPμCḡC,Pë PrPs C†PëCḡPsP·Cḡ PiPμC†C-PSPePë.

P— P±PsPeCḡ CëPeC-CḡPë C,P° PiC-PrCëPeC-CḡPSPëC... C,PeP°PSPëPS: PrCfPḡPμ
C†P°CḡC,Ps — PrPsP»PsPSPSPs-PiC-PrPsCëPsPIPsP° PμCḡPëC,CḡPsPrPëP·PμCḡC,PμP·C-Cḡ
(P"ḡP·), PrPsP·PsP·P°P»PμPḡPSP° PsP±PsCḡPsC,PSP° P°P»PsPiPμC†C-Cḡ
CḡPsP·PIPëPIP°C"C,CHCḡCḡ Cḡ P±C-P»CHCëPsCḡC,C- PiP°C†C-C"PSC,C-PI;
PiPsC†PμCḡPIPsPSC-PSPSCḡ, C,,PsC,PsCḡPμPSCḡPëP±C-P»C-P·P°C†C-Cḡ; C†P°CḡC,Ps —
PjC-CḡC†PμPIC- CḡPμP°PeC†C-C— PiC-PiPμCḡC†CḡC,P»PëPIPsCḡC,C- Cḡ P·PsPSC-
PsPiCḡPsPjC-PSPμPSPSCḡ (P°PSP°PjPSPμCḡC,PëC†PSPëPNë CḡP°PrC-P°C†C-PNëPSPëPNë
C,,PμPSPsPjPμPS), PeCḡPsPiPëPiBḡ™ CḡPSPeP°, PIPëCḡPëPiP°PSPSCḡ, PjC-CḡC†PμPIP°
C,PsPeCḡPëC†PSC-CḡC,CH, PiC-PiPμCḡPiC-PiPjPμPSC,P°C†C-Cḡ CëPeC-CḡPë C,P°
PSC-PiC,C-PI, CḡPIPμCḡP±C-Pḡ; CḡC-PrPePs — PμPeP·P°PSC,PμPjP°, PsPSC-C...PsP»C-P·PëCḡ,
PμPeCḡC,CḡP°PIP°P·P°C†C-Cḡ (PjPsPḡPμ PiCḡPëP·PIPsPrPëC,Pë PrPs C,CḡPḡPePsPiPs
C†PμP»CḡP»C-C,Cḡ, CḡC,PIPsCḡPμPSPSCḡ PiCḡC...PëCḡC-PI, C,CḡPsPjP±PsC,,P»PμP±C-C,Cḡ,
P»C-PjC,,P°PSPiC-C,Cḡ C,P° PjC-CḡC†PμPIPsPiPs PSPμPeCḡPsP·Cḡ C,PeP°PSPëPS); PrCfPḡPμ
CḡC-PrPePs — CḡC,PIPsCḡPμPSPSCḡ PiCḡC...PëCḡC-PI; C†P°CḡC,PsC,P° PSPμPIC-PrPsPjP° —
P·P°PiP°P»PμPSPSCḡ CëPeC-CḡPë, P°PeC,PëPSC-C†PSPëPNë PePμCḡP°C,PsP·.

P— P±PsPeCḡ PsPiPsCḡPSPs-CḡCḡC...PsPIPsPiPs P°PiP°CḡP°C,Cḡ C,P° CḡPiPsP»CḡC†PSPsC—
C,PeP°PSPëPSPë: C†P°CḡC,PsC,P° PSPμPIC-PrPsPjP° — PiPμPSPμCḡP°P»C-P·PsPIP°PSP°
PjC-P°CḡC,PμPSC-Cḡ, P°CḡC,CḡP°P»PiC-Cḡ.

$P - P \pm PsPeC \acute{e} PSP\ddot{e}C\grave{H}PsPe\ C, P^{\circ} \ C\acute{I}P_{\mu}C \ddagger PsPIP\ddot{e}PrC - P \gg CH\grave{B}PSPsC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}:$
 $PrC\acute{r}P\P P_{\mu} \ C \ddagger P^{\circ}C\acute{I}C, Ps - P \cdot P^{\circ}P \pm P^{\circ}C\grave{H}PIP \gg P_{\mu}PSPSC\grave{I} \ C\acute{I}P_{\mu}C \ddagger C - C\acute{r} \ C \ddagger P_{\mu}C\grave{H}PIPSPSP\ddot{e}PN_{\acute{e}}$
 $PePsP \gg C - C\grave{H}^{\circ};$

$C \ddagger P^{\circ}C\acute{I}C, Ps - PSP_{\mu}PeC\grave{H}PsP \cdot C\acute{I}C, C - PSPeP\ddot{e} \ C\acute{I}P_{\mu}C \ddagger PsPIPsPiPs \ PjC - C \dots C\acute{r}C\grave{H}P^{\circ},$
 $P \cdot PSP\ddot{e}P\ P_{\mu}PSPSC\grave{I} \ C''PjPePsC\acute{I}C, C - C\acute{I}P_{\mu}C \ddagger PsPIPsPiPs \ PjC - C \dots C\acute{r}C\grave{H}P^{\circ}, PrP\ddot{e}P \cdot C\acute{r}C\grave{H}C - C\grave{I},$
 $C \dots C - PjC - C \ddagger PSP\ddot{e}PN_{\acute{e}} \ C \ddagger P\ddot{e}C\acute{I}C, P\ddot{e}C, PIPSP^{\circ}C\acute{I}P \gg C - PrPsPe$
 $C - PSC, C\grave{H}P^{\circ}PIP_{\mu}P \cdot P\ddot{e}PeP^{\circ}P \gg CH\grave{B}PSPsPiPs \ PIPIP_{\mu}PrP_{\mu}PSPSC\grave{I} \ P\ddot{e}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r} \ (P \cdot$
 $C, P^{\circ}PeP\ddot{e}PjP\ddot{e} \ C\acute{I}P\ddot{e}PjPiC, PsPjP^{\circ}PjP\ddot{e} \ C\grave{I}Pe \ P\ddot{I}PsPrC\grave{H}P^{\circ}P \cdot PSP_{\mu}PSPSC\grave{I} \ C\acute{I}P_{\mu}C \ddagger PsPIPsPiPs$
 $PjC - C \dots C\acute{r}C\grave{H}P^{\circ} \ C, P^{\circ} \ C\acute{r}C\grave{H}P_{\mu}C, C\grave{H}P\ddot{e}, PrP\ddot{e}P \cdot C\acute{r}C\grave{H}C - C\grave{I}, C\acute{I}C, C\grave{H}P^{\circ}PSPiC\acute{r}C\grave{H}C - C\grave{I},$
 $P\ddot{I}PsP \gg P^{\circ}PeC - C\acute{r}C\grave{H}C - C\grave{I}, PiP_{\mu}PjP^{\circ}C, C\acute{r}C\grave{H}C - C\grave{I}, PIP_{\mu}P \cdot P\ddot{e}PeC\acute{r}P \gg C\grave{I}C\grave{H}PSC - C\acute{I}P\ddot{I}P^{\circ}P \cdot PjP\ddot{e},$
 $PiP_{\mu}PjPsC\grave{H}P^{\circ}PiC - C \ddagger PSP\ddot{e}PN_{\acute{e}} \ C \ddagger P\ddot{e}C\acute{I}C, P\ddot{e}C,); PrC\acute{r}P\ P_{\mu} \ C\grave{H}C - PrPePs - PiPsC\acute{I}C, C\grave{H}P^{\circ}$
 $PSP\ddot{e}C\grave{H}PePsPIP^{\circ} \ PSP_{\mu}PrPsC\acute{I}C, P^{\circ}C, PSC - C\acute{I}C, CH\grave{B}, PiC - P\ddot{I}P_{\mu}C\grave{H}C\acute{r}C\grave{H}P\ddot{e}PeP_{\mu}PjC - C\grave{I} \ C, P^{\circ}$
 $P\ddot{I}PsPrP^{\circ}P \gg CH\grave{C}\epsilon P^{\circ} \ C\acute{I}P_{\mu}C \ddagger PsPeP\ddot{e}C\acute{I}P \gg P^{\circ} \ PSP_{\mu}C, C\grave{H}PsP\ddot{I}P^{\circ}C, C - C\grave{I} \ PIPSP^{\circ}C\acute{I}P \gg C - PrPsPe$
 $PjP^{\circ}C\acute{I}P\ddot{e}IPSPsPiPs \ P \gg C - P \cdot P\ddot{e}C\acute{I}C\acute{r} \ P\ddot{I}C\acute{r}C \dots P \gg P\ddot{e}PSP\ddot{e}.$

$P - P \pm PsPeC \acute{e} PSP_{\mu}C\grave{H}PIPsPIPsC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}:$ $C\grave{H}C - PrPePs - C, C\grave{H}P_{\mu}PjPsC\grave{H},$
 $P \cdot P^{\circ}P\ddot{I}P^{\circ}PjPsC\grave{H}PsC \ddagger P_{\mu}PSPSC\grave{I}.$

$P - P \pm PsPeC \acute{e} C\grave{H}P_{\mu}P\ddot{I}C\grave{H}PsPrC \acute{e} PeC, P\ddot{e}PIPSPsC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e} \ C, P^{\circ} \ C, C \acute{e} PSPeC \ddagger C - C -$
 $PjPsP \gg PsC \ddagger PSP\ddot{e}C \dots P \cdot P^{\circ}P \gg PsP \cdot: \ C \ddagger P^{\circ}C\acute{I}C, PsC, P^{\circ} \ PSP_{\mu}PIC - PrPsPjP^{\circ} - P^{\circ}PjP_{\mu}PSPsC\grave{H}P_{\mu}C\grave{I},$
 $P^{\circ}P \cdot PsPsC\acute{I}P\ddot{I}P_{\mu}C\grave{H}PjC - C\grave{I}, PsP \gg C - PiPsC\acute{I}P\ddot{I}P_{\mu}C\grave{H}PjC - C\grave{I}.$

$P - P^{\circ}PiP^{\circ}P \gg CH\grave{B}PSC - P\ddot{I}PsC\grave{H}C \acute{e} C\epsilon P_{\mu}PSPSC\grave{I} \ C, P^{\circ} \ C\grave{H}P_{\mu}P^{\circ}PeC \ddagger C - C - C \acute{e} \ PjC - C\acute{I}C \ddagger C -$
 $PIPIP_{\mu}PrP_{\mu}PSPSC\grave{I}: PrC\acute{r}P\ P_{\mu} \ C \ddagger P^{\circ}C\acute{I}C, Ps - PiC - PrPIP\ddot{e}C \% P_{\mu}PSPSC\grave{I}$
 $C, P_{\mu}PjP\ddot{I}P_{\mu}C\grave{H}P^{\circ}C, C\acute{r}C\grave{H}P\ddot{e} \ C, C - P \gg P^{\circ}, P^{\circ}C\acute{I}C, P_{\mu}PSC - C\grave{I}, PiP^{\circ}C\grave{H}C\grave{I}C \ddagger PeP^{\circ}; \ C \ddagger P^{\circ}C\acute{I}C, Ps -$
 $C\grave{H}P_{\mu}P^{\circ}PeC \ddagger C - C - C\acute{r} \ PjC - C\acute{I}C \ddagger C - PIPIP_{\mu}PrP_{\mu}PSPSC\grave{I} \ (P_{\mu}C\grave{H}P\ddot{e}C, P_{\mu}PjP^{\circ}C, PsP \cdot PSC -$
 $C\grave{H}P_{\mu}P^{\circ}PeC \ddagger C - C - P\ddot{I}Ps \ C \dots PsPrC\acute{r} \ PIP_{\mu}PSP\ddot{e}, P \pm C - P \gg CH\grave{B}, C, P \gg P_{\mu}P \pm C - C, ,$
 $C, P \gg P_{\mu}P \pm PsC\acute{I}PeP \gg P_{\mu}C\grave{H}PsP.); \ PSP_{\mu}C \ddagger P^{\circ}C\acute{I}C, Ps - PrP_{\mu}PiC - PrC\grave{H}P^{\circ}C, P^{\circ}C \ddagger C - C\grave{I}; \ C \ddagger P^{\circ}C\acute{I}C, PsC, P^{\circ}$
 $PSP_{\mu}PIC - PrPsPjP^{\circ} - PrP\ddot{e}C\acute{I}PePsPjC, , PsC\grave{H}C, , C, C\grave{I}P\ P_{\mu}PeP\ddot{e}PN_{\acute{e}} \ C \ddagger P_{\mu}P \gg C\grave{H}P \gg C - C, ,$

$P\grave{h}P \pm C\acute{I}C, P_{\mu}P\ P_{\mu}PSPSC\grave{I}: PrC\acute{r}P\ P_{\mu} \ C \ddagger P^{\circ}C\acute{I}C, Ps - B \ PIC - PrC \dots P\ddot{e}P \gg P_{\mu}PSPSC\grave{I}$
 $P\ddot{I}PsPeP^{\circ}P \cdot PSP\ddot{e}PeC - PI \ P \cdot P''P_{\mu} \ PIC - Pr \ PSPsC\grave{H}PjP\ddot{e}, \ P \cdot PjC - PSP\ddot{e} \ C\grave{H}C - PIPSC - PI$
 $C, C\grave{H}P^{\circ}PSC\acute{I}P^{\circ}PjC - PSP^{\circ}P \cdot, \ P \cdot P \pm C - P \gg CH\grave{C}\epsilon P_{\mu}PSPSC\grave{I} / P \cdot PjP_{\mu}PSC\epsilon P_{\mu}PSPSC\grave{I} \ PjP^{\circ}C\acute{I}P\ddot{e} \ C, C - P \gg P^{\circ b}.$

$P\acute{I}C - C\grave{H}C \acute{e} C\grave{H}PiC - C \ddagger PSC - C, P^{\circ} \ PjP_{\mu}PrP\ddot{e}C \ddagger PSC - P\ddot{e}C\grave{H}PsC \ddagger P_{\mu}PrC \acute{e} C\grave{H}P\ddot{e}: B \ C \ddagger P^{\circ}C\acute{I}C, PsC, P^{\circ}$
 $PSP_{\mu}PIC - PrPsPjP^{\circ} - C\acute{r}C\epsilon PePsPrP\ P_{\mu}PSPSC\grave{I}, \ C\acute{I}P\ddot{e}C\grave{H}P\ddot{e}C \ddagger P\ddot{e}PSP_{\mu}PSC -$
 $PsPiC\grave{H}PsPjC - PSP_{\mu}PSPSC\grave{I}Pj \ (C\epsilon PeC - C\grave{H}P^{\circ}, P \gg P_{\mu}PiP_{\mu}PSC -, C\acute{I}C, C\grave{H}P^{\circ}PIPsC \dots C - Pr,$
 $C\acute{I}P \gg P\ddot{e}P \cdot PsPIP^{\circ} \ PsP \pm PsP \gg PsPSPeP^{\circ} \ C\epsilon P \gg C\acute{r}PSPeP^{\circ}, \ C\acute{I}P_{\mu}C\grave{H}C \ddagger P_{\mu}), \ C\grave{I}PeC - PIP\ P_{\mu}$
 $P \cdot P^{\circ}PiPsC\grave{H}C\grave{H}C, CH\grave{C}\acute{I}C\grave{I}, \ P\ddot{I}C - C\acute{I}P \gg C\grave{I} \ PIPIP_{\mu}PrP_{\mu}PSPSC\grave{I} \ PrPsPeC\acute{I}PsC\grave{H}C\acute{r}P \pm C - C \ddagger P\ddot{e}PSC\acute{r}$
 $PjPsP\ P_{\mu}C\acute{r}C, CH\grave{B} \ PIP\ddot{e}PSP\ddot{e}PeP^{\circ}C, P\ddot{e} \ P \cdot PSPsPIC\acute{r}.$

^a $P_{\mu}C\grave{H}PsC, C\grave{I}PiPsPj \ 1-2 \ PrPSC - PI \ P\ddot{I}C - C\acute{I}P \gg C\grave{I} \ PIPIP_{\mu}PrP_{\mu}PSPSC\grave{I}.$

^b $P' C - PrP \cdot PSP^{\circ}C \ddagger P^{\circ}C\grave{H}C, CH\grave{B} \ C\acute{r} \ P\ P_{\mu}C - PSPsPe \ P \cdot C\grave{H}P^{\circ}PePsPj \ PjPsP \gg PsC \ddagger PSPsC - P \cdot P^{\circ}P \gg PsP \cdot P\ddot{e},$
 $C\grave{I}PeC - PsC, C\grave{H}P\ddot{e}PjC\acute{r}C\grave{H}C, CH\grave{B} \ PePsPjP\ddot{I}P \gg P_{\mu}PeC\acute{I}PSC\acute{r} \ P^{\circ}Pr\grave{B}\grave{H}^{\text{TM}} \ C\grave{H}PIP^{\circ}PSC, PSC\acute{r}$
 $C, P_{\mu}C\grave{H}P^{\circ}PiC - C\grave{H} \ C - P \cdot P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\grave{I}Pj \ PrPsPeC\acute{I}PsC\grave{H}C\acute{r}P \pm C - C \ddagger P\ddot{e}PSC\acute{r}.$

^{*} $P' C, PsC\grave{H}P\ddot{e}PSPSP^{\circ} \ P \gg P_{\mu}PN_{\acute{e}}PePsP\ddot{I}P_{\mu}PSC - C\grave{I} \ (C - PSPsPrC -) \ P \cdot \ C \ddagger P\ddot{e} \ P \pm P_{\mu}P \cdot$
 $P\ddot{e}C\grave{H}P_{\mu}P \gg P_{\mu}PN_{\acute{e}}PeP_{\mu}PjC - C \ddagger PSPsC - C, P^{\circ}P \cdot P\ddot{e} \ C\acute{I}P\ddot{e}PsC\acute{I}C, P_{\mu}C\grave{H}C - PiP^{\circ}P \gg P^{\circ}C\acute{I}CH\grave{B} \ C\acute{r}$
 $P\ddot{I}P^{\circ}C \ddagger C - C''PSC, C - PI, \ C\grave{I}PeC - P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{r}PIP^{\circ}P \gg P\ddot{e} \ P^{\circ}PSC, C\grave{H}P^{\circ}C \ddagger P\ddot{e}PeP \gg C - PSP\ddot{e}$
 $(PIPeP \gg C\grave{H}C \ddagger P^{\circ}C\grave{H}C \ddagger P\ddot{e} \ PrPsPeC\acute{I}PsC\grave{H}C\acute{r}P \pm C - C \ddagger P\ddot{e}PS). \ P\grave{S}P^{\circ}C\acute{I}C, C - C\epsilon P_{\mu} \ PIC, PsC\grave{H}P\ddot{e}PSPSP^{\circ}$

P»PµPNµPePµPjC-CΠ CΓPīPsCΓC,PµCḡC-PiP°P»P°CΓCΠ PīCḡPē PePsPjP±C-PSPsPIP°PSPsPjCř
P·P°CΓC,PsCΓCřPIP°PSPSC- P· P°PκPλ-CřCēPePsPrP¶CřCḡC±PēPjPē
C†PēC,PsCΓC,P°C,PēPeP°PjPē (P°P»PeC-P»CřCḡC±PēPjPē CΓPīPsP»CřPeP°PjPē,
PrPµCḡPēPIP°C,P°PjPē PīP»P°C,PēPSPē), PīCḡPē P·P°CΓC,PsCΓCřPIP°PSPSC-
CḡP°PrC-PsC,PµCḡP°PīC-C—, PīCḡPē PīPsPīPµCḡPµPrPSCḡPsPjCř P·P°CΓC,PsCΓCřPIP°PSPSC-
C-PSC,PµPSCΓPēPIPSsC— C,PµCḡP°PīC-C— C†PēC,PsC,PsPeCΓPēC±PSPēPjPē
PīCḡPµPīP°CḡP°C,P°PjPē, PīCḡPē PīC-PrPIPēC%PµPSPSC- PrPsP·Pē
P°PSC,CḡP°C†PēPeP»C-PSC-PI. PŷP°PeP° P»PµPNµPePµPjC-CΠ PjPsP¶Pµ PIPēPSPēPePSCřC,Pē
PīC-CΓP»CΠ P·P°C,CḡPēPjPePē Cř 1-7 CḡPsPeC-PI.

** PhPrPSPēPj C-P· PrPsP·PsPsP±PjPµP¶CřPIP°P»CḡPSPēC... PµC„PµPeC,C-PI C”
PīCḡPēPīPSC-C±PµPSPSCΠ C„CřPSPeC†C-C— PeC-CΓC,PePsPIPsPīPs PjPsP·PeCř, CΠPePµ
PjPsP¶Pµ P±CřC,Pē C,CΠP¶PePēPj. PīPµ PīCḡPsCΠPIP»CΠC”C,CḡCΓCΠ PīPsP»PsPIPSpēPj
C±PēPSPsPj Cř P·PjPµPSCēPµPSPSC- CḡC-PIPSCΠ P»PµPNµPePsC†PēC,C-PI.
P»PµPNµPePsPīPµPSC-CΠ CΓPīPsCΓC,PµCḡC-PiP°P»P°CΓCΠ PjP°PNµP¶Pµ Cř 75 %
PīP°C†C-C”PSC,C-PI C-P· PIC-PrPīPsPIC-PrPSPēPj CḡPµP·PµCḡPIPsPj PeC-CΓC,PePsPIPsPīPs
PjPsP·PeCř, CΠPeC- PsC,CḡPēPjCřPIP°P»Pē P»C-PeCřPIP°PSPSCΠ C-P·
P·P°CΓC,PsCΓCřPIP°PSPSCΠPj PrPsP·Pē PīCḡPµPīP°CḡP°C,Cř 60 PjPi/Pj² PīPsPīPµCḡC...PSC-
C,C-P»P° PePsP¶PµPS 21 PrPµPSCḡ. PλCḡC-Pj C,PsPīPs, P· PjPµPSCēPsCḡ C±P°CΓC,PsC,PsCḡ
PīPsPIC-PrPsPjP»CΠP»Pē PīCḡPs C,CḡPsPjP±PsC†PēC,PsPīPµPSC-Cḡ,
PSPµPNµC,CḡPsPīPµPSC-Cḡ C,P° P°PSPµPjC-Cḡ. PŷPīPsCΓC,PµCḡC-PiP°P»PēCΓCΠ C,P°PePsP¶
CΓCřPīPµCḡC-PSC„PµPeC†C-C— (PrCřP¶Pµ C±P°CΓC,Ps) C,P° PeCḡPsPIPsC,PµC±C- Cř
P·PīBḡ™ CΠP·PeCř P· PīCḡPēPīPSC-C±PµPSPSCΠPj C„CřPSPeC†C-C— PeC-CΓC,PePsPIPsPīPs
PjPsP·PeCř. PµC-PePsPIPµ PīCḡPēPīPSC-C±PµPSPSCΠ C„CřPSPeC†C-C— PeC-CΓC,PePsPIPsPīPs
PjPsP·PeCř P·P°P·PIPēC±P°PNµ CΓPīPsCΓC,PµCḡC-PiP°C”C,CḡCΓCΠ PSP° 10-14-PNµ PrPµPSCḡ
PīC-CΓP»CΠ PIPiPµPrPµPSPSCΠ PrPsPeCΓPsCḡCřP±C-C†PēPSCř, C,P° Cř
P±C-P»CḡCēPsCΓC,C- PIPēPīP°PrPeC-PI PjC-P¶ 21-Pj C,P° 28-Pj PrPSPµPj
CΓPīPsCΓC,PµCḡC-PiP°C”C,CḡCΓCΠ PNµPsPīPs P·PjPµPSCēPµPSPSCΠ.
PŷCḡPsPjP±PsC†PēC,PsPīPµPSC-CΠ P°P±Ps P°PSPµPjC-CΠ, CΠPeC%Ps PIPsPSPē
PIPēPSPēPeP°CḡC,Cḡ, CΓPīPsCΓC,PµCḡC-PiP°CḡC,CḡCΓCΠ PI C†PµPNµ CΓP°PjPēPNµ
PīPµCḡC-PsPr, P°P»Pµ P·P°P·PIPēC±P°PNµ PIPsPSPē C” PjPµPSCē C,CΠP¶PePēPjPē.

*** P”PsPeCΓPsCḡCřP±C-C†PēPS C” PeP°CḡPrC-PsC,PsPeCΓPēC±PSPēPj. P PēP·PēPe
PIPēPSPēPePSPµPSPSCΠ PeP°CḡPrC-PsC,PsPeCΓPēC±PSPēC... PīPsP±C-C±PSPēC...
PµC„PµPeC,C-PI PīC-PrPIPēC%PµPSPēPNµ PīC-Pr C±P°CΓ C,P° PīC-CΓP»CΠ C,PµCḡP°PīC-C—
C-P· P·P°CΓC,PsCΓCřPIP°PSPSCΠPj PsPīCḡPsPjC-PSPµPSPSCΠ Cř
PjPµPrC-P°CΓC,PēPSP°P»CḡPSC-PNµ P·PsPSC-, PīC-CΓP»CΠ PīPsPīPµCḡPµPrPSCḡPsPīPs
P»C-PeCřPIP°PSPSCΠ C-P· P·P°CΓC,PsCΓCřPIP°PSPSCΠPj PīPsC,PµPSC†C-PNµPSPs
PeP°CḡPrC-PsC,PsPeCΓPēC±PSPēC... P·P°CΓPsP±C-PI (PSP°PīCḡPēPeP»P°Pr,
P°PSC,CḡP°C†PēPeP»C-PSC-PI, C†PēPeP»PsC„PsCΓC„P°PjC-PrC-PI), P° C,P°PePsP¶ Cř
PīP°C†C-C”PSC,C-PI P»C-C,PSCḡPsPīPs PIC-PeCř (PIC-PePsPj PIC-Pr 60 CḡPsPeC-PI) C,P°
PīP°C†C-C”PSC,C-PI P· P°CḡC,PµCḡC-P°P»CḡPSPsCḡ PīC-PīPµCḡC,PµPSP·C-C”Cḡ.

PλP°CḡPrC-PsC,PsPeCΓPēC±PSPēPNµ PµC„PµPeC, PrPsPeCΓPsCḡCřP±C-C†PēPSCř PjPsP¶Pµ
PīCḡPsCΠPIP»CΠC,PēCΓCΠ Cř PrPIPsC... C„PsCḡPjP°C....

P”PsCΓC,CḡP° C„PsCḡPjP°

PµPsP±C-C±PSC- PµC„PµPeC,Pē PīPsCΓC,CḡPsC— C„PsCḡPjPē PIPēPSPēPeP°CḡC,Cḡ Cř
P±C-P»CḡCēPsCΓC,C- PIPēPīP°PrPeC-PI Cř PīPµCḡCēC- 24-48 PīPsPrPēPS PīC-CΓP»CΠ
PīPsC±P°C,PeCř C,PµCḡP°PīC-C—; PIPsPSPē PSPµ P·P°P»PµP¶P°C,Cḡ PIC-Pr PrPsP·Pē C,P°
C...P°CḡP°PeC,PµCḡPēP·CřCḡC,CḡCΓCΠ C,P°PePēPjPē CΓPēPjPīC,PsPjP°PjPē:

C, PëPjC±P°CÍPSPIP° P°CḡPëC, PjC-CÍ (C±P°CÍC, Ps), PsCÍPSP±P»PëPIPs CÍPëPSCrCÍPSPIP° C, P°C...C-PeP°CḡPrC-CÍ (C±P°CÍC, Ps), CÍCrPíCḡP°PIPμPSC, CḡPëPeCÍP»CÍCḡPSP° C, P°PIPμPSC, CḡPëPeCÍP»CÍCḡPSP° PμPeCÍC, CḡP°CÍPëCÍC, PsP»C-CÍ. P°PSPPë (PrCÍP¶PμCḡC-PrPePs) C...P°CḡP°PeC, PμCḡPëP·CÍCḡC, CHCÍCÍ PSPμCÍPíPμC±PëC,, C-C±PSPëPjPë P·PjC-PSP°PjPë P·PḡP° (P·PjC-PSPë S-T, PSPëP·CHPePëPNë PIPsP»CHC, P°P¶ C, P°PíPSPrPsPIP¶PμPSPSCÍ C-PSC, PμCḡPIP°P»CÍ Q-T). PíC- P·PjC-PSPë P·P°PiP°P»PsPj C° PsP±PsCḡPsC, PSPëPjPë, €, P° C-C... PIPëPSPëPePSPμPSPSCÍ PSPμ C° PíCḡPsC, PëPíPSPeP°P·P°PSPSCÍPj PrP»CÍ PíPSPIC, PsCḡPSPsPiPs P·P°CÍC, PsCÍCrPIP°PSPSCÍ PrPsPeCÍPSCḡCÍP±C-C±PëPSCr. PhPrPSP°Pe PíC-Pr C±P°CÍ P°P±Ps C±PμCḡPμP·PrPμPeC-P»CHPeP° PiPsPrPëPS PíC-CÍP»CÍ P·P°CÍC, PsCÍCrPIP°PSPSCÍ PrPsPeCÍPSCḡCÍP±C-C±PëPSCr PjPsP¶P»PëPIPμ PIPëPSPëPePSPμPSPSCÍ P°CḡPëC, PjC-C— C-P·P·P°PiCḡPsP·PsCḡ PrP»CÍ P¶PëC, C, CÍ; Pí PsPeCḡPμPjPëC... PIPëPíP°PrPeP°C... PíPSPIC-PrPsPjP»CÍP»Pë PíCḡPs PiPsCÍC, CḡCÍ P»C-PIPsC€P»CÍPSPsC±PePsPICr PSPμPrPsCÍC, P°C, PSC-CÍC, CH, PíPμCḡPëPeP°CḡPrPëC, P°P±Ps PíPμCḡPëPeP°CḡPrPëC, /PjC-PsPeP°CḡPrPëC, C-P· P»PμC, P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj.

PjPíPSPIC-P»CHPSPμPSP° C,, PsCḡPjP°

PμPsP±C-C±PSC- PμC,, PμPeC, Pë CÍPíPSPIC-P»CHPSPμPSPsC— C,, PsCḡPjPë PíCḡPsCÍPIP»CÍCḡC, CHCÍCÍ CÍ PeCÍPjCÍP»CÍC, PëPIPSC-PNë C, PsPeCÍPëC±PSPsCÍC, C-PrP»CÍ PsCḡPiP°PSC-PI P·P°P»PμP¶PSPsC— PIC-Pr PrPsP·Pë, C%Ps P·P°PiP°P»PsPj C° PSPμPsP±PsCḡPsC, PSPëPj PμC,, PμPeC, PsPj, C±P°CÍC, Ps C-P· P·P°PiCḡPsP·PsCḡ PrP»CÍ P¶PëC, C, CÍ. PíC- PμC,, PμPeC, Pë C±P°CÍC, Ps PíCḡPsCÍPIP»CÍCḡC, CHCÍCÍ CÍ PIPëPiP»CÍPPrC- P·P°CÍC, C-PNëPSPsC— (PrPëP»P°C, P°C±C-PNëPSPsC—) PeP°CḡPrC-PsPjC-PsPíP°C, C-C— P·PsP·PSP°PeP°PjPë P»C-PIPsC€P»CÍPSPsC±PePsPIPsC— PSPμPrPsCÍC, P°C, PSPsCÍC, C-PíCḡPsC, CÍPiPsPj PrPμPeC-P»CHPePsC... PjC-CÍCÍC±C-PI PíC-CÍP»CÍ P·P°PeC-PSC±PμPSPSCÍ C, PμCḡP°PíC-C—. PhPrPSP°Pe PIPíPμCḡC€Pμ PeP°CḡPrC-PsC, PsPeCÍPëC±PSC-CÍC, CH PjPsP¶Pμ PíCḡPsCÍPIP»CÍC, PëCÍCÍ PSP°PIC-C, CH PíCḡPsC, CÍPiPsPj PrPμPeC-P»CHPePsC... CḡPsPeC-PI PíC-CÍP»CÍ P·P°PeC-PSC±PμPSPSCÍ C, PμCḡP°PíC-C—; CḡPëP·PëPe C-C— PIPëPSPëPePSPμPSPSCÍ P·CḡPsCÍC, P°C” CḡP°P·PsPj P·C-P·CḡPsCÍC, P°PSPSCÍPj P·P°PiP°P»CHPSPsC— PeCÍPjCÍP»CÍC, PëPIPSPsC— PrPsP·Pë.

**** P°PsPeCÍPSCḡCÍP±C-C±PëPS PjP°C” PIPëCḡP°P¶PμPSPëPNë PμPjPμC, PsPiPμPSPSPëPNë PμC,, PμPeC,, PIC-PrPSPsCÍPSPs C, CÍP¶PeP° PSCrPrPsC, P° C, P° P±P»CHPIP°PSPSCÍ PIPëPSPëPeP°CḡC, CHB PíCḡPëP±P»PëP·PSPs CÍ 80 % PíP°C±C-C”PSC, C-PI CÍ PíPμCḡC€PëPNë PrPμPSCḡ P»C-PeCÍPIP°PSPSCÍ C, P° PíC-P·PSC-C€Pμ. PμPsC, C-Pj PjPsP¶Pμ PIPëPSPëPePSCrC, Pë PIC, CḡP°C, P° P°PiPμC, PëC, CÍ (C±P°CÍC, Ps) C, P° CÍC, PIPsCḡPμPSPSCÍ PíCÍC...PëCḡC-PI PSP° CÍP»PëP·PsPIPëC... PsP±PsP»PsPSPeP°C... CḡPsC, P° C, P° PiP»PsC, PePë, CÍC, CḡP°PIPsC...PsPrCÍ C, P° PePëC€PePsPIPs-C€P»CÍPSPePsPIPsPiPs C, CḡP°PeC, CÍ. Pj C, CÍP¶PePëC... C,, PsCḡPjP°C... C±Pμ PjPsP¶Pμ PíCḡPëP·PIPμCÍC, Pë PrPs C-PSC,, PμPeC±C-PNë. P”C-P°CḡPμCÍ (PrCÍP¶Pμ C±P°CÍC, Ps) PjPsP¶Pμ PIPëPSPëPePSCrC, Pë PIC, PsCḡPëPSPSPs PíC-CÍP»CÍ C-PSPiC-P±CÍPIP°PSPSCÍ PíCḡPsP»C-C,, PμCḡP°C±C-C— PePëC€PePsPIPsPiPs PμPíC-C, PμP»C-Cḡ. PμPsPIC-PrPsPjP»CÍP»Pë PíCḡPs PSPμPeCḡPsP· C, PsPICÍC, PsC— PePëC€PePë P· PjP°CÍPëPIPSPëPj PeCḡPsPIPsPIPëP»PëPIPsPj C, P° C, CÍP¶PePëPjPë C-PSC,, PμPeC±C-CÍPjPë (PSPμ C±P°CÍC, Ps) CÍ P·PIBḡ CÍP·PeCÍ P· PsPrPSPsC±P°CÍPSPëPj P·P°CÍC, PsCÍCrPIP°PSPSCÍPj C±PëC, P°CḡP°P±C-PSCr. PμC-CÍP»CÍ CḡP°PrC-PsC, PμCḡP°PíC-C— PμP·PsC,, P°PiC-C, (PSPμC±P°CÍC, Ps) PjPsP¶Pμ PIPëPSPëPePSCrC, Pë PíC-Pr C±P°CÍ C, PμCḡP°PíC-C— PrPsPeCÍPSCḡCÍP±C-C±PëPSPsPj C, P° PjPsP¶Pμ PíCḡPëP·PIPμCÍC, Pë PrPs P·PICrP¶PμPSPSCÍ CÍC, CḡP°PIPsC...PsPrCÍ.

$P_{\mu}PsP \pm C - C \nmid PSC - \bar{P}iC\bar{H}PsC\bar{I}PI\bar{P}\bar{e} \text{ } C \acute{z} C \dots PIPsC\bar{H}P\bar{e}C \dots, C\bar{I}PeC - PsC, C\bar{H}P\bar{e}PjC \acute{z} C\bar{H}C, CH$
 $PrPsPeC\bar{I}PsC\bar{H}C \acute{z} P \pm C - C \nmid P\bar{e}PS \text{ } C\bar{I}Pe \text{ } P^{\circ}Pr\bar{e}\bar{H}^{\text{TM}} C\bar{H}PIP^{\circ}PSC, PSC \acute{z} C, P_{\mu}C\bar{H}P^{\circ}P\bar{i}C - C\bar{H} \text{ } C\bar{H}P^{\circ}PeC \acute{z}$
 $PjPsP \gg PsC \nmid PSPsC - P \cdot P^{\circ}P \gg PsP \cdot P\bar{e}. P - P^{\circ} \text{ } C\bar{H}P_{\mu}P \cdot C\bar{r}P \gg CHC, P^{\circ}C, P^{\circ}PjP\bar{e}$
 $C\bar{H}P^{\circ}PSPPrPsPjC - P \cdot PsPIP^{\circ}PSPsPiPs \text{ } PIC - PrPeC\bar{H}P\bar{e}C, PsPiPs \text{ } PrPsC\bar{I}P \gg C - PrP \nmid P_{\mu}PSPSC\bar{I}$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I} \text{ } PrPsPeC\bar{I}PsC\bar{H}C\bar{r}P \pm C - C \nmid P\bar{e}PSC\bar{r} \text{ } C -$
 $C \nmid P\bar{e}PeP \gg PsC, \text{ } PsC\bar{I}C, \text{ } P^{\circ}PjC - PrC\bar{r} \text{ } PrP \gg C\bar{I} \text{ } P \gg C - PeC\bar{r}PIP^{\circ}PSPSC\bar{I} \text{ } C\bar{H}P^{\circ}PSPSC - C \dots$
 $PjP_{\mu}C, P^{\circ}C\bar{I}C, P^{\circ}P \cdot C - PI \text{ } C\bar{H}P^{\circ}PeC\bar{r} \text{ } PjPsP \gg PsC \nmid PSPsC - P \cdot P^{\circ}P \gg PsP \cdot P\bar{e} \text{ } PI \text{ } P^{\circ}PeC\bar{I}P\bar{e}P \gg C\bar{I}C\bar{H}PSC -$
 $P \gg C - PjC, \text{ } PsPIC\bar{r}P \cdot P \gg P\bar{e}, \text{ } PSP^{\circ}PN\bar{e}C \nmid P^{\circ}C\bar{I}C, C - C\bar{e}P\bar{e}Pj \text{ } P\bar{i}PsP \pm C - C \nmid PSP\bar{e}Pj \text{ } P\bar{i}C\bar{H}PsC\bar{I}PIPsPj$
 $(PsPeC\bar{H}C - Pj \text{ } C \dots P^{\circ}C\bar{H}P^{\circ}PeC, P_{\mu}C\bar{H}PSP\bar{e}C \dots \text{ } PrP \gg C\bar{I} \text{ } PrPsPeC\bar{I}PsC\bar{H}C\bar{r}P \pm C - C \nmid P\bar{e}PSC\bar{r}) \text{ } P \pm C\bar{r}P \gg P^{\circ}$
 $PIC, C\bar{H}P^{\circ}C, P^{\circ}B \text{ } PjP^{\circ}C\bar{I}P\bar{e} \text{ } C, C - P \gg P^{\circ}.$

$P\check{y}P_{\mu}C\bar{H}PjC - PS \text{ } P\bar{i}C\bar{H}P\bar{e}PrP^{\circ}C, PSPsC\bar{I}C, C -.$

2 $C\bar{H}PsPeP\bar{e}.$

$PJPjPsPIP\bar{e} \text{ } P \cdot P \pm P_{\mu}C\bar{H}C - PiP^{\circ}PSPSC\bar{I}.$

$P - P \pm P_{\mu}C\bar{H}C - PiP^{\circ}C, P\bar{e} \text{ } P\bar{i}C\bar{H}P\bar{e} \text{ } C, P_{\mu}PjPiP_{\mu}C\bar{H}P^{\circ}C, C\bar{r}C\bar{H}C - PIC - Pr \text{ } 2 \text{ } PrPs \text{ } 8 \text{ } B^{\circ}P\check{y} \text{ } PI$
 $PsC\bar{H}P\bar{e}PiC - PSP^{\circ}P \gg CH\bar{H}PSC - PN\bar{e} \text{ } C\bar{r}PiP^{\circ}PePsPIC \nmid C -.$ $P - P \pm P_{\mu}C\bar{H}C - PiP^{\circ}C, P\bar{e} \text{ } C\bar{r}$
 $PSP_{\mu}PrPsC\bar{I}C, C\bar{r}PiPSPsPjC\bar{r} \text{ } PrP \gg C\bar{I} \text{ } PrC - C, P_{\mu}PN\bar{e} \text{ } PjC - C\bar{I}C \nmid C -.$

$P\acute{k}P_{\mu}C\bar{I}C \acute{z} PjC - C\bar{I}PSC - C\bar{I}C, CH.$

$P''PsPeC\bar{I}PsC\bar{H}C\bar{r}P \pm C - C \nmid P\bar{e}PS \text{ } PSP_{\mu} \text{ } C\bar{I}P \gg C - Pr \text{ } P \cdot PjC - C\bar{e}C\bar{r}PIP^{\circ}C, P\bar{e} \text{ } P \cdot \text{ } PiP_{\mu}PiP^{\circ}C\bar{H}P\bar{e}PSPsPj,$
 $PsC\bar{I}PeC - P \gg CH\bar{H}PeP\bar{e} \text{ } PjPsP \nmid P_{\mu} \text{ } C\bar{r}C, PIPsC\bar{H}C\bar{H}PIP^{\circ}C, P\bar{e}C\bar{I}C\bar{I} \text{ } PsC\bar{I}P^{\circ}Pr.$
 $P''PsPeC\bar{I}PsC\bar{H}C\bar{r}P \pm C - C \nmid P\bar{e}PS \text{ } PSP_{\mu}C\bar{I}C\bar{r}PjC - C\bar{I}PSP\bar{e}PN\bar{e} \text{ } P \cdot \text{ } P^{\circ}PjC - PSPsC, \text{ } C - P \gg C - PSPsPj,$
 $C \nmid P_{\mu}C, \text{ } P^{\circ}P \gg PsC, P\bar{e}PSPsPj, \text{ } C, \text{ } P \gg C\bar{r}PsC\bar{H}PsC\bar{r}C\bar{H}P^{\circ}C \nmid P\bar{e}P \gg PsPj, \text{ } PiC - PrC\bar{H}PsPePsC\bar{H}C, P\bar{e}P \cdot PsPSPsPj.$
 $P\bar{i}PeC\%Ps \text{ } PSP_{\mu}PsP \pm C \dots C - PrPSP^{\circ} \text{ } C\bar{I}C\bar{r}PiC\bar{r}C, PSC\bar{I} \text{ } C, P_{\mu}C\bar{H}P^{\circ}PiC - C\bar{I}$
 $PrPsPeC\bar{I}PsC\bar{H}C\bar{r}P \pm C - C \nmid P\bar{e}PSPsPj \text{ } C - \text{ } C, \text{ } P \gg C\bar{r}PsC\bar{H}PsC\bar{r}C\bar{H}P^{\circ}C \nmid P\bar{e}P \gg PsPj,$
 $C\bar{H}P_{\mu}PePsPjP_{\mu}PSPPrC\bar{r}C''C, CHC\bar{I}C\bar{I} \text{ } P\bar{i}C\bar{H}PsPjP\bar{e}PIP^{\circ}C, P\bar{e} \text{ } PeP^{\circ}C, P_{\mu}C, P_{\mu}C\bar{H} \text{ } P\bar{i}C - C\bar{I}P \gg C\bar{I}$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I} \text{ } C \nmid P\bar{e}C \dots \text{ } P\bar{i}C\bar{H}P_{\mu}PiP^{\circ}C\bar{H}P^{\circ}C, C - PI. \text{ } P\check{y}P \gg C - Pr \text{ } C\bar{r}PSP\bar{e}PeP^{\circ}C, P\bar{e}$
 $PePsPSC, P^{\circ}PeC, C\bar{r} \text{ } P \cdot \text{ } P^{\circ}P \gg C\bar{H}PjC - PSC - C''Pj. \text{ } P\check{y}P \gg C - Pr \text{ } C\bar{r}PSP\bar{e}PeP^{\circ}C, P\bar{e} \text{ } C, C\bar{H}P\bar{e}PIP^{\circ}P \gg PsPiPs$
 $PePsPSC, P^{\circ}PeC, C\bar{r} \text{ } P \cdot \text{ } P \pm C\bar{r}PrCH\bar{H} - C\bar{I}PeP\bar{e}Pj \text{ } C\bar{H}PsP \cdot C \nmid P\bar{e}PSPsPj \text{ } P \gg C\bar{r}P \nmid PSPsC - \text{ } C\bar{H}P\acute{k},$
 $PsC\bar{I}PeC - P \gg CH\bar{H}PeP\bar{e} \text{ } C \nmid P_{\mu} \text{ } P\bar{i}C\bar{H}P\bar{e}P \cdot PIP_{\mu}PrP_{\mu} \text{ } PrPs \text{ } PiC - PrC\bar{H}PsP \gg C - P \cdot C\bar{r} \text{ } P\bar{i}C\bar{H}P_{\mu}PiP^{\circ}C\bar{H}P^{\circ}C, C\bar{r}.$

$P - P^{\circ} \text{ } PIC - PrC\bar{I}C\bar{r}C, PSPsC\bar{I}C, C - \text{ } PrPsC\bar{I}P \gg C - PrP \nmid P_{\mu}PSC\bar{H} \text{ } C\bar{I}C\bar{r}PjC - C\bar{I}PSPsC\bar{I}C, C - \text{ } C \nmid P_{\mu}PN\bar{e}$
 $P \gg C - PeP^{\circ}C\bar{H}C\bar{I}CH\bar{H}PeP\bar{e}PN\bar{e} \text{ } P \cdot P^{\circ}C\bar{I}C - P \pm \text{ } PSP_{\mu} \text{ } C\bar{I}P \gg C - Pr \text{ } P \cdot PjC - C\bar{e}C\bar{r}PIP^{\circ}C, P\bar{e} \text{ } P \cdot \text{ } C - PSC\bar{e}P\bar{e}PjP\bar{e}$
 $P \gg C - PeP^{\circ}C\bar{H}C\bar{I}CH\bar{H}PeP\bar{e}PjP\bar{e} \text{ } P \cdot P^{\circ}C\bar{I}PsP \pm P^{\circ}PjP\bar{e}.$

$PJPiP^{\circ}PePsPIPeP^{\circ}.$

$P_{\mu}Ps \text{ } 5 \text{ } PjP \gg, \text{ } 10 \text{ } PjP \gg, \text{ } 25 \text{ } PjP \gg, \text{ } 50 \text{ } PjP \gg, \text{ } 75 \text{ } PjP \gg, \text{ } 100 \text{ } PjP \gg \text{ } C\bar{r} \text{ } C, \text{ } P \gg P^{\circ}PePsPSC -; \text{ } PiPs$
 $1 \text{ } C, \text{ } P \gg P^{\circ}PePsPSC\bar{r} \text{ } PI \text{ } PeP^{\circ}C\bar{H}C, PsPSPSC - PN\bar{e} \text{ } PePsC\bar{H}PsP \pm C \nmid C -.$

