

[illegible]

C-PjCfPSPsCtPëC,C-PI CḡPμCtPμPīC,PsCḡC-PI P±C-P»PeP°, CḡPePëPNḡ CḡPμP°PīCfC" PSP°
C-PjC-PePIC-PjPsPr. P†PjC-PePIC-PjPsPr PSPμ PjP°C" PīCḡCḡPjPsC—
P°PSC,PëPIC-CḡCfCfPSPsC— P°PeC,PëPIPSsCfC,C-. PkP°
PμPeCfPīPμCḡPëPjPμPSC,P°P»CHPSPëC... PjPsPrPμP»CḡC... PSP° C,PIP°CḡPëPSP°C...
C-PjC-PePIC-PjPsPr PīCḡPsCḡPIP»CḡC" PμC,,PμPeC,PëPIPS-CfC,CH PīCḡPsC,Pë
PIC-CḡCfCfPSPëC... C-PSC,,PμPeC†C-PNḡ C- PrC-C" CḡPe PīCḡPsC,PëPīCfC...P»PëPSPSPëPNḡ
P°PīPμPSC,, PīPsP»PsPIPSPëPj C†PëPSPsPj C-PSPrCfPeCfCḡC†Pë CfPëPSC,PμP· α-
C-PSC,PμCḡC,,PμCḡPsPSCf C,P° C-PSCëPëC... C†PëC,PsPeC-PSC-PI. P†PSPrCfPeC†C-Cḡ
CfPëPSC,PμP·CfB B B B B B B B B B α-C-PSC,PμCḡC,,PμCḡPsPSCf C,P° C-PSCëPëC...
C†PëC,PsPeC-PSC-PI PīC-CfP»Cḡ PSP°PSPμCfPμPSPSCḡ PeCḡPμPjCf PSP° C,PeP°PSPëPSPë,
CfCḡP°PḡPμPSC- PīPsCfC,CḡPsPeC-PSC†PμPIPëPjPë PePsPSPrPëP»PsPjP°PjPë, P±CfP»P°
C,P°PePsPḡ PīCḡPsPrPμPjPsPSCfC,CḡPsPIP°PSP° PīC-Pr C†P°Cf PeP»C-PSC-C†PSPëC...
PrPsCfP»C-PrPḡPμPSCḡ.

PμC-PrPIPëC%PμPSPSCḡ CfPëCfC,PμPjPSPsPīPs CḡC-PIPSCḡ α-
C-PSC,PμCḡC,,PμCḡPsPSCf C,P° C-PSCëPëC... C†PëC,PsPeC-PSC-PI PīC-CfP»Cḡ
PjC-CfC†PμPIPSiPs PSP°PSPμCfPμPSPSCḡ C-PjC-PePIC-PjPsPrCf P±CfP»Ps
PīCḡPsPrPμPjPsPSCfC,CḡPsPIP°PSPs Cf C...PsPrC- C,,P°CḡPjP°PePsPeC-PSPrPμC,PëC†PSPëC...
PrPsCfP»C-PrPḡPμPSCḡ.

P—PsPIPS-CëPSC- PīPμPSC-C,P°P»CHPSC- PePsPSPrPëP»PsPjPë

PḡP»C-PSC-C†PSP° PμC,,PμPeC,PëPIPS-CfC,CH

P PμP·CfP»CHC,P°C,Pë C,CḡCHPsC... PsCfPSPsPIPSPëC... PrPsCfP»C-PrPḡPμPSCḡ
PμC,,PμPeC,PëPIPSsCfC,C- III C,,P°P·Pë PīPsPeP°P·P°P»Pë, C%Ps P»C-PeCfPIP°PSPSCḡ
C-PjC-PePIC-PjPsPrPsPj PīCḡPsC,CḡPīPsPj CëC-CfC,PSP°PrC†CḡC,Pë C,PëPḡPSC-PI P±CfP»Ps
P·PSP°C†PSPs PμC,,PμPeC,PëPIPS-CëPëPj, PSC-Pḡ P»C-PeCfPIP°PSPSCḡ PīP»P°C†PμP±Ps,
C%Ps PIPëP·PSP°C†P°P»Pë P·P° PīPsPIPSPëPj PIPëPrP°P»PμPSPSCḡPj PsP±CḡPsP±P»PμPSPëC...
PePsPSPrPëP»PsPj.

PJ 119 PīP°C†C-C" PSC,PsPe, CḡPeC- PsC,CḡPëPjCfPIP°P»Pë P»C-PeCfPIP°PSPSCḡ
C-PjC-PePIC-PjPsPrPsPj, CfCfPeCfPīPSPμ PīPsPIPSμ PIPëPrP°P»PμPSPSCḡ
CfC,P°PSPsPIPëP»Ps 60 % PīPsCḡC-PIPSCḡPSPs P· 20 % Cf 105 PīP°C†C-C" PSC,PsPe,
CḡPeC- PsC,CḡPëPjCfPIP°P»Pë P»C-PeCfPIP°PSPSCḡ PeCḡPμPjPsPIPsCḡ
PsCfPSPsPIPsCḡ (95 % P"† PrP»Cḡ CḡC-P·PSPëC†C- C†P°CfC,PsC,Pë PIPëPīP°PrPeC-PI: 20 %
PrPs 61 %, Cḡ < 0,001). PJ PīP°C†C-C" PSC,C-PI, CḡPeC- PsC,CḡPëPjCfPIP°P»Pë
C-PjC-PePIC-PjPsPr C,P° PrPsCfCḡPīP»Pë PīPsPIPSsPīPs PIPëPrP°P»PμPSPSCḡ
PePsPSPrPëP»PsPj, CfPμCḡPμPrPSC-PNḡ C†P°Cf PrPs PIPëPrP°P»PμPSPSCḡ CfC,P°PSPsPIPëPI 8
C,PëPḡPSC-PI.

PJ 157 PīP°C†C-C" PSC,C-PI-C†PsP»PsPIC-PeC-PI, CḡPeC- PsC,CḡPëPjCfPIP°P»Pë
P»C-PeCfPIP°PSPSCḡ C-PjC-PePIC-PjPsPrPsPj, CfCfPeCfPīPSPμ PīPsPIPSμ
PIPëPrP°P»PμPSPSCḡ CfC,P°PSPsPIPëP»Ps 23 % PīPsCḡC-PIPSCḡPSPs P· 5 % Cf 161
PīP°C†C-C" PSC,C-PI, C%Ps PsC,CḡPëPjCfPIP°P»Pë PeCḡPμPjPsPICf PsCfPSPsPICf (95 %
P"† PrP»Cḡ CḡC-P·PSPëC†C- C†P°CfC,PsC,Pë PIPëPīP°PrPeC-PI: 3 % PrPs 36 %, Cḡ <
0,001). PJ PīP°C†C-C" PSC,C-PI, CḡPeC- PsC,CḡPëPjCfPIP°P»Pë C-PjC-PePIC-PjPsPr C,P°
PrPsCfCḡPīP»Pë PīPsPIPSsPīPs PIPëPrP°P»PμPSPSCḡ PePsPSPrPëP»PsPj,
CfPμCḡPμPrPSC-PNḡ C†P°Cf PrPs PIPëPrP°P»PμPSPSCḡ CfC,P°PSPsPIPëPI 12
C,PëPḡPSC-PI.

P_μPsPIP_μCT₅C...PSP_μPIP° P±P°P·P°P»C-PsPjP°

Р_μР»C-PSC-C‡PSP° Р_μC,,Р_μРeC,РePIPSC-CTC,CH

P·C,,Р_μРeC,РePIPSC-CTC,CH P·P°CTC,PsCTC_{Cr}PIP°PSPSC_Ц C-PjC-PePIC-PjPsPrC_{Cr} 5
CT₅P°P·C-PI PSP° C,РeP¶PrP_μPSCH PiCT₅PsC,Ц_ЦPiPsPj 6 C,РeP¶PSC-PI PIPePIC‡P°P»Pë
C_{Cr} PrPIPsC... PiPsPrPIC-PN₂PSPs CT₅P»C-PiPëC... PiP»P°C‡P_μP±Ps-
PePsPSC,CT₅PsP»CHPsPIP°PSPëC... PeP»C-PSC-C‡PSPëC...
PrPsCT₅P»C-PrP¶P_μPSPSC_ЦC.... P_ЦC-P»CHPsPIC- PiCT₅C...P»PëPSPë P±C_{Cr}P»Pë
PiC-CTC,PsP»PsPiC-C‡PSPs PiC-PrC,PIP_μCT₅PrP¶P_μPSC- C"PrPëPSPëPjPë
PiP_μCT₅PIPëPSPSPëPjPë PiPsPIP_μCT₅C...PSP_μPIPëPjPë P±P°P·P°P»C-PsPjP°PjPë P·
PjC-PSC-PjP°P»CHPSPëPj CT₅PsP·PjC-CT₅PsPj 0,5 CT₅Pj² C,P° PjP°PeCT₅PëPjP°P»CHPSPëPj
PrC-P°PjP_μC,CT₅PsPj 2 CT₅Pj. P_μC_{Cr}C...P»PëPSPë, CT₅PsP·C,P°C€PsPIP°PSC- PI PjP_μP¶P°C...
1 CT₅Pj PIC-Pr PsC‡P_μPN₂, PSPsCT₅P°, CT₅PsC,P°, PIC_{Cr}C... P°P±Ps P»C-PSC-C—
PIPsP»PsCT₅CT₅Ц, PIPëPeP»CT₅C‡P°P»PëCT₅Ц.

Pj PsP±B₅TM C"PrPSP°PSPsPjC_{Cr} P°PSP°P»C-P·C- C‡PëC... PrPIPsC...
PrPsCT₅P»C-PrP¶P_μPSCH PiC-CTC,PsP»PsPiC-C‡PSPëPN₂ PeP»C-CT₅P_μPSC_{Cr}
PIC-PrP·PSP°C‡P°PIC_{Cr}Ц Cr 82 % (152/185) PiP°C‡C-C"PSC,C-PI. P—P°
PeP»C-PSC-C‡PSPsCT₅ PsC‡C-PSPePsCT₅, PeP»C-CT₅P_μPSC_{Cr}, C%₀Ps PsC‡C-PSC_{Cr}PIP°P»Pë
P·P° CT₅PeP»P°PrP_μPSPsCT₅ PeC-PSC‡P_μPIPsCT₅ C,PsC‡PePsCT₅, PIC-PrP·PSP°C‡P°PIC_{Cr}Ц
Cr 75 % (139/185) PiP°C‡C-C"PSC,C-PI. P_ЦC- CT₅P_μP·C_{Cr}P»CHC,P°C,Рe P±C_{Cr}P»Pë
CTC,P°C,PëCTC,PëC‡PSPs P·PSP°C‡C_{Cr}C%₀PëPjPë (p < 0,001) PiPsCT₅C-PIPSC_ЦPSPs P·
PIC-PrPiPsPIC-PrPSPëPjPë PiPsPeP°P·PSPëPeP°PjPë Cr PiCT₅C_{Cr}PiC-
P·P°CTC,PsCT₅C_{Cr}PIP°PSPSC_Ц PiP»P°C‡P_μP±Ps: 3 % (6/179) C,P° 2 % (3/179)
PIC-PrPiPsPIC-PrPSPs. P₅PiPsCT₅C,P_μCT₅C-PiP°PIC_{Cr}Ц CT₅C_{Cr}C,C"PIPëPN₂
P·PiB₅TM Ц_ЦP·PsPe PjC-P¶ C-PSC,P_μPSC_{Cr}PëPIPSC-CTC,CT₅ PjC-CTC‡P_μPIPëC...
C€PeC-CT₅PSPëC... CT₅P_μP°PeC‡C-PN₂ (PSP°PiCT₅PëPeP»P°Pr P_μCT₅PëC,P_μPjPë),
PIPëC_ЦPIP»P_μPSPëPjPë PiC-Pr C‡P°CT₅ P»C-PeC_{Cr}PIP°PSPSC_Ц, C,P° PiPsPIPSPëPj
PIPëPrP°P»P_μPSPSC_ЦPj P±P°P·P°P»C-PsPjPë.

P"°PSC-, PsC,CT₅PëPjP°PSC- P·P° PiB₅TM Ц_ЦC,CH CT₅PsPeC-PI C,CT₅PëPIP°P»PsPiPs
PIC-PrPeCT₅PëC,PsPiPs PSP_μPePsPSC,CT₅PsP»CHPsPIP°PSPsPiPs
PrPsCT₅P»C-PrP¶P_μPSPSC_Ц, PiPsPeP°P·C_{Cr}CT₅C,CH, C%₀Ps Cr 77,9 % [95 % P"P† (71,9%,
83,8 %)] PIC_{Cr}C-C... CT₅C_{Cr}P±B₅TM C"PeC,C-PI, Ц_ЦPeC- CT₅PiPsC‡P°C,PeC_{Cr}
PsC,CT₅PëPjC_{Cr}PIP°P»Pë P»C-PeC_{Cr}PIP°PSPSC_Ц, CT₅PiPsCT₅C,P_μCT₅C-PiP°P»PsCT₅Ц
PeP»C-PSC-C‡PSP_μ P·PSPëPePSP_μPSPSC_Ц PsP·PSP°Pe C,P° C‡P_μPN₂ CTC,P°PS
P·P±P_μCT₅C-PiP°PIC_{Cr}Ц PiCT₅PsC,Ц_ЦPiPsPj 60 PjC-CT₅Ц_ЦC‡C-PI.

P_hPeC,РePSC-C‡PëPN₂ PeP_μCT₅P°C,PsP· (P_hР_μ)

Р_μР»C-PSC-C‡PSP° Р_μC,,Р_μРeC,РePIPSC-CTC,CH

P·C,,Р_μРeC,РePIPSC-CTC,CH P·P°CTC,PsCTC_{Cr}PIP°PSPSC_Ц C-PjC-PePIC-PjPsPrC_{Cr} 3
CT₅P°P·Pë PSP° C,РeP¶PrP_μPSCH PiCT₅PsC,Ц_ЦPiPsPj PsPrPSPsPiPs P°P±Ps PrPIPsC...
PeC_{Cr}CT₅CT₅C-PI PiPs 4 C,РeP¶PSC- PePsP¶PSPëPN₂, CT₅PsP·PrC-P»P_μPSPëC...
PiP_μCT₅C-PsPrPsPj PIC-PrCT₅C_{Cr}C,PSPsCT₅C,C- P»C-PeC_{Cr}PIP°PSPSC_Ц
C,CT₅PëPIP°P»C-CTC,CT₅ 4 C,РeP¶PSC-, PIPëPIC‡P°P»Pë Cr PrPIPsC... PiPsPrPIC-PN₂PSPs

$$\text{PeP} \gg \text{C-PSC-C} \nmid \text{PSP} \ddot{\text{C}} \dots \text{PrPsC} \acute{\text{I}} \text{P} \gg \text{C-PrP} \P \text{P}_{\mu} \text{PSPSC} \sqcup \text{C} \dots$$

PrPsCГP»C-PrP¶PµPSCH CГC,P°PSPsPIPëP»P° 46,1 % (P"Pt 39,0 %, 53,1 %).

$$\text{P}\ddot{\text{C}}-\text{C}\dot{\text{I}}\text{P}\gg\text{C}\dot{\text{I}}\text{ PsPrPSPsPiPs P}^{\circ}\text{P}\pm\text{Ps PrPIPSC}\dots\text{PeCrC}\dot{\text{I}}\text{C}\dot{\text{I}}\text{C}-\text{PI P}\gg\text{C}-\text{PeCrPIP}^{\circ}\text{PSPSC}\dot{\text{I}}.$$

% (8/17 PīP°C†C-C"PS C,C-PI) C,P° 7,5 % (6/80 CrC†P°P¶PμPSCb).

$$\text{PjPuC}, \text{P}^\circ \text{P}^\circ \text{PSP}^\circ \text{P} \gg \text{C-P} \cdot \text{Cr} \text{ PrPIPsC} \dots \text{PrPsC} \dot{\text{I}} \text{P} \gg \text{C-PrP} \parallel \text{PuPSCH}.$$
$$P \gg P_s P_e P^\circ P \gg C-P \cdot Cr PIP^\circ P \gg P^\circ Cl C Cl P S P^\circ P_s P \pm P \gg P \ddot{e} Cl C-P \gg C-P N \ddot{e} C \epsilon P_e C-C \ddot{e} C- P_i P_s P \gg P_s P I P \ddot{e} P^\circ P \pm P_s$$

PSP° PsP±P»PëC†C†C- P· C†C†PjC-P¶PSPsC¶ PrC-P»C¶PSPePsC¶ PïP»PsC%PµC¶
PïC¶PëP±P»PëP·PSPs 40 C†Pj², PI PsP±PsC... PiC¶C†PïP°C... P»C-PeC†PIP°PSPSC¶
PjPµPrC-P°PSP° PeC-P»CHbPePsC†C,C- PeP»C-PSC-C†PSPs C,PëPïPsPIPëC... C†C¶P°P¶PµPSC¶
P¶P¶ C†C,P°PSPsPIPëP»P° 7 PSP° PïPsC†P°C,PePsPIPsPjC† C¶C-PIPS- P. P¶P°C¶PIPSPëP¶
PeP»C-PSC-C†PSPëP¶ PrPsC†PIC-Pr 90 PïP°C†C-C"°PSC,C-PI, C¶PeC- PsC,C¶PëPjP°P»Pë 3
P°P±Ps P±C-P»CHbC¶Pµ C†PëPeP»C-PI P»C-PeC†PIP°PSPSC¶ C-PjC-PePIC-PjPsPrPsPj, 80
PïP°C†C-C"°PSC,C-PI PsC,C¶PëPjP°P»Pë 5 C- P±C-P»CHbC¶Pµ PeC†C¶C†C-PI
P»C-PeC†PIP°PSPSC¶ C-PjC-PePIC-PjPsPrPsPj PïC¶PsC,C¶PiPsPj 3-C¶C-C†PSPsPiPs
PïPµC¶C-PsPrC† PrPsC†P»C-PrP¶PµPSPSC¶.

P©Ps C†C,PsC†C†C",CHbC†C¶ PïPµC¶PIPëPSPSPsC— PeC-PSC†PµPIPsC— C,PsC†PePë
(PiC-C†C,PsP»PsPiC-C†PSPµ PïC¶PsPiC¶PµC†C†PIP°PSPSC¶), C,Ps P·P°PïP°P»PsPj C† 13
P· 242 PïP°C†C-C"°PSC,C-PI (5,4 %) PiC¶C†PïPë C-PjC-PePIC-PjPsPrC† C,P° C† 26 P· 237
PïP°C†C-C"°PSC,C-PI (11,0 %) PiC¶C†PïPë PrPëPeP»PsC,,PµPSP°PeC† P±C†P»Ps
PIPëC¶PIP»PµPSPs PiC-C†C,PsP»PsPiC-C†PSPµ PïC¶PsPiC¶PµC†C†PIP°PSPSC¶ PrPs
P¶P¶P¶ *in situ* P°P±Ps PrPs C-PSPIP°P·PëPIPSPsC— P¶P¶P¶ PïC¶PsC,C¶PiPsPj 3
C¶PsPeC-PI; C¶C-P·PSPëC†C¶ C†C,P°PSPsPIPëP»P° -5,6 % (95 % PrPsPIC-C¶C†PëP¶
C-PSC,PµC¶PIP°P» [P"P†]: PIC-Pr -10,7 % PrPs -0,7 %). P¶C¶Pë C†CHbPsPjC† C† 4 P· 242
PïP°C†C-C"°PSC,C-PI (1,7 %) PiC¶C†PïPë C-PjC-PePIC-PjPsPrC† C,P° 7 P· 237
PïP°C†C-C"°PSC,C-PI (3,0 %) PiC¶C†PïPë PrPëPeP»PsC,,PµPSP°PeC† P±C†P»Ps
PIPëC¶PIP»PµPSPs PiC-C†C,PsP»PsPiC-C†PSPµ PïC¶PsPiC¶PµC†C†PIP°PSPSC¶ PrPs
C-PSPIP°P·PëPIPSPsC— P¶P¶P¶ PïC¶PsC,C¶PiPsPj 3-C¶C-C†PSPsPiPs PïPµC¶C-PsPrC†.

P—P°PïP°P»PsPj C† 126 P· 242 PïP°C†C-C"°PSC,C-PI, C¶PePëC... P»C-PeC†PIP°P»Pë
C-PjC-PePIC-PjPsPrPsPj (52,1 %), C,P° C† 84 P· 237 PïP°C†C-C"°PSC,C-PI, C¶PePëC...
P»C-PeC†PIP°P»Pë PrPëPeP»PsC,,PµPSP°PePsPj PrP»C¶ PjC-C†C†PµPIPsPiPs
P·P°C†C,PsC†C†PIP°PSPSC¶ (35,4 %), PIPëC¶PIP»PµPSPs PïPsPIPSµ
PeP»C-PSC-C†PSPµ PsC†PëC%PµPSPSC¶ PsP±C¶PsP±P»PµPSPsC— PrC-P»C¶PSPePë
P¶P¶ PSP° 20 C,PëP¶PSC- (C,PsP±C,Ps PïC¶PëP±P»PëP·PSPs C†PµC¶PµP· 8
C,PëP¶PSC-PI PïC-C†P»C¶ P·P°PeC-PSC†PµPSPSC¶ PïPsC†P°C,PePsPIPsPiPs C†PëPeP»C†
P»C-PeC†PIP°PSPSC¶); C¶C-P·PSPëC†C¶ C†C,P°PSPsPIPëP»P° 16,6 % (95 % P"P†:
7,7-25,1 %). Pj C†C-P¶ PiC¶C†PïC- PïP°C†C-C"°PSC,C-PI P· PïPsPIPSPëPj
PeP»C-PSC-C†PSPëPj PsC†PëC%PµPSPSC¶Pj PsP±C¶PsP±P»PµPSPsC—
PrC-P»C¶PSPePë P¶P¶ PsC†C-PSC¶PIP°P»Pë C¶PµC†PëPrPëPIPë P¶P¶. Pj C†PëC...
PrPsC†P»C-PrP¶PµPSPSC¶C... PIPIP°P¶P°P»PsC†C¶ C¶PµC†PëPrPëPIPsPj, C¶PeC%Ps
C† PïP°C†C-C"°PSC,P° C†PïPsC†C,PµC¶C-PïP°P»PsC†C¶ PïC¶PëPSP°P¶PjPSC- PsPrPSPµ
PIPsPiPSPëC%Pµ C†C¶P°P¶PµPSPSC¶ P¶P¶ PSP° PïPsPIPS- C†C,C¶
PsC†PëC%PµPSC-P¶ PrC-P»C¶PSC†C-, PIC-PrPïPsPIC-PrPSPs PrPs C†PsPiPs
PïPsPIC,PsC¶PSPµ C†C¶P°P¶PµPSPSC¶ PjPsPiP»Ps P±C†C,Pë C†C¶P°P¶PµPSPSC¶Pj,
C¶PePµ PIPëPSPëPeP»Ps PI C,PsPjC† P¶ PjC-C†C†C-, C%Ps C- C¶P°PSC-C¶Pµ
PIPëP»C-PeC†PIP°PSPµ C†C¶P°P¶PµPSPSC¶, P°P±Ps PIPïPµC¶C¶Pµ
PIPëC¶PIP»PµPSPëPj C†C¶P°P¶PµPSPSC¶Pj C† P±C†PrCHb-C¶PePsPjC† PjC-C†C†C-
PsP±C¶PsP±P»PµPSPsC— PrC-P»C¶PSPePë P¶P¶. P PëP·PëPe C¶PµC†PëPrPëPIC† P¶P¶
PI PsP±C¶PsP±P»PµPSC-P¶ PrC-P»C¶PSC†C- (C¶Pe PIPëP·PSP°C†PµPSPs PIPëC%Pµ)
C†C,P°PSPsPIPëPI 39,7 % (50 C-P· 126 PïP°C†C-C"°PSC,C-PI) C† PiC¶C†PïC-
P»C-PeC†PIP°PSPSC¶ C-PjC-PePIC-PjPsPrPsPj PïPsC¶C-PIPS¶PSPs P· 50,0 % (42 P· 84
PïP°C†C-C"°PSC,C-PI) C† PiC¶C†PïC- P»C-PeC†PIP°PSPSC¶ PrPëPeP»PsC,,PµPSP°PePsPj
PrP»C¶ PjC-C†C†PµPIPsPiPs P·P°C†C,PsC†C†PIP°PSPSC¶ PrPs 12 PjC-C†C¶C†C¶

(C₇C-P·PSPëC†C₁ C₁C,P°PSPsPIPëP»P° -10,3 % [95 % P°P†: PIC-Pr -23,6 % PrPs 3,3 %]); C,P° 66,7 % (84 P· 126 P_iP°C†C-C°PSC,C-PI) C_r P_iC₇C_rP_iC- P»C-PeC_rPIP°PSPSC₁ C-PjC-PePIC-PjPsPrPsPj C- 73,8 % (62 C-P· 84 P_iP°C†C-C°PSC,C-PI) C_r P_iC₇C_rP_iC- P»C-PeC_rPIP°PSPSC₁ PrPëPeP»PsC,,P_μPSP°PePsPj PrP»C₁ PjC-C₁C†P_μPIPsPiPs P·P°C₁C,P_sC₁C_rPIP°PSPSC₁ PrPs 36 PjC-C₁C₁C†C₁ (C₇C-P·PSPëC†C₁ C₁C,P°PSPsPIPëP»P° -7,1 % [95 % P°P†: PIC-Pr -19,0 % PrPs 5,7 %]). P†PjPsPIC-C₇PSC-C₁C,CH P·PSPsPIC_r P_iPsPIPSC-C₁C,CH PsPrC_rP°C,Pë C_r P_iP°C†C-C°PSC,P° P· C₇P_μC†PëPrPëPIPsPj P_hP₇ (C₁P_e PIPëP·PSP°C†P_μPSPs PIPëC%P_μ) PSP° P_iPsPIPSC-C₁C,CH PsC†PëC%P_μPSC-PN₂ PrC-P»C₁PSC†C- C₁C,P°PSPsPIPëP»P° P_iC₇PëP±P»PëP·PSPs 80 % P_iC-C₁P»C₁ PrPsPrP°C,PePsPIPsPiPs C†PëPeP»C_r P»C-PeC_rPIP°PSPSC₁ C-PjC-PePIC-PjPsPrPsPj P_iPsC₇C-PIPSC₁PSPs P· C-PjPsPIC-C₇PSC-C₁C,CH P_iC₇PëP±P»PëP·PSPs 50 % P_iC₇Pë P_iPsPIC,P_sC₇PSPsPjC_r P»C-PeC_rPIP°PSPSC- PrPëPeP»PsC,,P_μPSP°PePsPj PrP»C₁ PjC-C₁C†P_μPIPsPiPs P·P°C₁C,P_sC₁C_rPIP°PSPSC₁.

P°C-C,Pë

P—P°C₇P_μC°C₁C,CHPsPIP°PSC- P_iPsPeP°P·P°PSPSC₁, P_iP_μPSC-C,P°P»CH_hPSC- PePsPSPPrPëP»PsPjPë, P°PeC,PëPSC-C†PSPëPN₂ PeP_μC₇P°C,P_sP· C,P° P_iPsPIP_μC₇C...PSP_μPIP° P±P°P·P°P»C-PsPjP°, C₁P_e P_iC₇P°PIPëP»Ps, PSP_μ C₁P_iPsC₁C,P_μC₇C-PiP°C₇C,CHC₁C₁ C_r PrC-C,P_μPN₂ C,P° PSP_μ PIPëPIC†P°P»PëC₁C₁.

P₇C₇P_μPj P· C-PjC-PePIC-PjPsPrPsPj PsC†C-PSC₇PIP°P»Pë C_r C†PsC,PëC₇CH_hPsC... P_iPsPrPIC-PN₂PSPs C₁P»C-PiPëC... C₇P°PSPPrPsPjC-P·PsPIP°PSPëC... P_iP»P°C†P_μP±Ps- PePsPSC,C₇P_sP»CH_hPsPIP°PSPëC... PrPsC₁P»C-PrP°P_μPSPSC₁C... C_r PrC-C,P_μPN₂ PIC-PePsPj PIC-Pr 2 PrPs 15 C₇PsPeC-PI C-P· PePsPSC,P°PiC-PsP·PSPëPj PjPsP»CHC₁PePsPj (C-PjC-PePIC-PjPsPr n = 576, P_iP»P°C†P_μP±Ps n = 313).

P_iC- PrPsC₁P»C-PrP°P_μPSPSC₁ PSP_μ P·PjPsPiP»Pë PrPsPIP_μC₁C,Pë P_μC,,P_μPeC,PëPIPS- C₁C,CH C-PjC-PePIC-PjPsPrC_r PI P±C_rPrCH-C₁P_eC-PN₂ P· P_iP_μC₇P_μPIC-C₇P_μPSPëC... C₁C...P_μPj P»C-PeC_rPIP°PSPSC₁ (3 C₇P°P·Pë / C,PëP°P_rP_μPSCH_h P_iC₇PsC,C₁PiPsPj ≤ 16 C,PëP°PSC-PI C,P° 7 C₇P°P·C-PI / C,PëP°P_rP_μPSCH_h P_iC₇PsC,C₁PiPsPj ≤ 8 C,PëP°PSC-PI).

PαP°C₇PjP°PePsPeC-PSP_μC,PëPeP°.

P—PsPIPSC-C€PSC- P_iP_μPSC-C,P°P»CH_hPSC- PePsPSPPrPëP»PsPjPë, P_iPsPIP_μC₇C...PSP_μPIP° P±P°P·P°P»C-PsPjP° C,P° P°PeC,PëPSC-C†PSPëPN₂ PeP_μC₇P°C,P_sP·

P_μC₇Pë PjC-C₁C†P_μPIPsPjC_r P·P°C₁C,P_sC₁C_rPIP°PSPSC- PjP_μPSC€P_μ 0,9 % PsPrPSC-C°C— PrPsP·Pë PjC-C†P_μPSPsPiPs C-PjC-PePIC-PjPsPrC_r P_iPsPiP»PëPSP°P»PsC₁C₁ C†P_μC₇P_μP· C€PeC-C₇C_r C_r P»CH_hPrP_μPN₂. P_kP_μPIP_μP»PëPeP° PeC-P»CH_hPeC-C₁C,CH PeC₇P_μPjC_r, C₁P_eP° PIC₁PjPsPeC,C_rPIP°P»P°C₁CH_h C_r C₁PëC₁C,P_μPjC_r P·P°PiP°P»CH_hPSPsPiPs PeC₇PsPIPsPsP±C-PiC_r, C€PIPëPrPePs PIPëPIPsPrPëP»P°C₁C₁ C†P_μC₇P_μP· C₁P_μC†PsPIC_r C₁PëC₁C,P_μPjC_r C- PePëC€P_μC†PSPëPe PI C₁P_μC₇P_μPrPSCH_hPsPjC_r C_r C₁P_iC-PIPIC-PrPSPsC€P_μPSPSC- 3 : 1. P_μC-C₁P»C₁ PsPrPSPsC₇P°P·PsPIPsPiPs P°P±Ps P±P°PiP°C,P_sC₇P°P·PsPIPsPiPs

PjC-ClC†PμPIPsPiPs P·P°ClC,PsClC†PIP°PSPSCl CjC-PIpsc- (> 5 PSPI/PjP»)
PiCjPμPiP°CjP°C,C† PI ClPëCjPsPIP°C,C†C- PeCjPsPIC- PeC-P»CHPeC-ClPSPs PSPμ
PIPëP·PSP°C†P°P»PëClCj.

PÿPëClC, PμPjPSPëPNë PIPiP»PëPI (C†PμCjPμP·CëPeC-CjPSPμ
PiCjPsPSPëPePSPμPSPSCl) CjPsP·CjP°C...PsPIC†PIP°PIClCj P·P°
PIC-PrPSPsPIP»PμPSPSClPj PIC†PiP»PμC†Cj-14 [¹⁴C] P· C-PjC-PePIC-PjPsPrC† PI
ClPμC†C- C,P° C„PμPeP°P»C-ClC....

PjC-PSC-PjP°P»CHPSP° ClPëClC, PμPjPSP° P°P±ClPsCjP±C†C-Cl PeCjPμPjC†
C-PjC-PePIC-PjPsPrC† 5 % C†PμCjPμP· CëPeC-CjC† 58 PiP°C†C-C”PSC,C-PI P·
P°PeC,PëPSC-C†PSPëPj PePμCjP°C,PsP·PsPj ClPiPsClC,PμCjC-PiP°P»P°ClCj PiCjPë
P·P°ClC,PsClC†PIP°PSPSC- 3 CjP°P·Pë PSP° C,PëP¶PrPμPSCj PiCjPsC,ClPiPsPj 16
C,PëP¶PSC-PI. PÿC,C†PiC-PSCH C†PμCjPμP·CëPeC-CjPSPsC— P°P±ClPsCjP±C†C-C—
PjC-P¶ PiPμCjCëPsCj C,P° PsClC,P°PSPSCHPsCj PrPsP·P°PjPë C†CHPsPiPs
PrPsClP»C-PrP¶PμPSPSCl ClC†C,C,C”PIPs PSPμ P·PjC-PSCjPIP°PIClCj. PμC-Pe
PePsPSC†PμPSC,CjP°C†C-C— PrC-CjC†PsC— CjPμC†PsPIPëPSPë C†
ClPëCjPsPIP°C,C†C- PeCjPsPIC- PSP° PeC-PSPμC†Cj 16 C,PëP¶PSCl
PrPsClCjPiP°PIClCj PjC-P¶ 9 C- 12 PiPsPrPëPSP°PjPë PiC-ClP»Cj PiPsC†P°C,PeC†
PiCjPëPNëPsPjC† C- ClC,P°PSPsPIPëP»Ps 0,1, 0,2 C- 1,6 PSPI/PjP» PiCjPë
PSP°PSPμClPμPSPSC- PSP° CëPeC-CjC† PsP±P»PëC†C†Cj (12,5 PjPi, 1 ClP°CëPμ
CjP°P·PsPIPsPiPs PIPëPePsCjPëClC,P°PSPSCl), PiPsP»PsPIPë (25 PjPi, 2 ClP°CëPμ)
C,P° PePëClC,PμPNë CjC†Pe (75 PjPi, 6 ClP°CëPμ) PIC-PrPiPsPIC-PrPSPs. PμP»PsC%P°
PiPsPIPμCjC...PSC- P·P°ClC,PsClC†PIP°PSPSCl PSPμ
PePsPSC,CjPsP»CjPIP°P»P°ClCj PI PiCjC†PiP°C... PSP°PSPμClPμPSPSCl PSP°
CëPeC-CjC† PiPsP»PsPIPë C,P° PePëClC,PμPNë CjC†Pe/ CjC†Pe.
PμCjPsPiPsCjC†C-PNëPSC-ClC,CH PrPsP·Pë PSPμ ClPiPsClC,PμCjC-PiP°P»P°ClCj.
PhC†PμPIPëPrPSPëPNë PiPμCjC-PsPr PSP°PiC-PIIPëPIPμPrPμPSPSCl
PiCjPëP±P»PëP·PSPs PI 10 CjP°P·C-PI PiPμCjPμPIPëC%ClPIP°PI 2-PiPsPrPëPSPSPëPNë
PiPμCjC-PsPr PSP°PiC-PIIPëPIPμPrPμPSPSCl, PIPëClPIP»PμPSPëPNë PiC-ClP»Cj
PiC-PrCëPeC-CjPSPsPiPs PIIPμPrPμPSPSCl PI PiPsPiPμCjPμPrPSCjPsPjC†
PrPsClP»C-PrP¶PμPSPSC-, C%Ps PiPμCjPμPrP±P°C†P°C” C,CjPëPIP°P»Pμ
C†C,CjPëPjP°PSPSCl P»C-PeP°CjClCHPePsPiPs P·P°ClPsP±C† PI CëPeC-CjC-.
P’PëPIPμPrPμPSPSCl P· ClPμC†PμCj C† C†PëC... PiP°C†C-C”PSC,C-PI
ClC,P°PSPsPIPëP»Ps PjPμPSCëPμ 0,6 % PIC-Pr PrPsP·Pë, ClPeC† PSP°PSPsClPëP»Pë
PSP° 16 C,PëP¶PSC-.

P”C-C,Pë

PαP°CjPjP°PePsPeC-PSPμC,PëC†PSC- PIP»P°ClC,PëPIPsClC,C- C-PjC-PePIC-PjPsPrC†
PiC-ClP»Cj PsPrPSPsCjP°P·PsPIPsPiPs C,P° P±P°PiP°C,PsCjP°P·PsPIPsPiPs
P·P°ClC,PsClC†PIP°PSPSCl P±C†P»Pë PrPsClP»C-PrP¶PμPSC- PI
PiPμPrC-P°C,CjPëC†PSC-PNë PiPsPiC†P»CjC†C-C— C-P· P·P°C...PIPsCjCjPIP°PSPSClPj
PSP° PePsPSC,P°PiC-PsP·PSPëPNë PjPsP»CjClPe (PjPj). P”P°PSC-
ClPëClC,PμPjPSPsC— PμPeClPiPsP·PëC†C-C— PiPsPeP°P·P°P»Pë, C%Ps
ClC,C†PiC-PSCH P°P±ClPsCjP±C†C-C— C-PjC-PePIC-PjPsPrC† PiC-ClP»Cj
P·P°ClC,PsClC†PIP°PSPSCl PSP° CëPeC-CjC† C† PrC-C,PμPNë PIC-PePsPj 6-12
CjPsPeC-PI P· PjPj P±C†P»P° PSPëP·CHPePsCj C- PiPsCjC-PIPSClPSPSPsCj P·

C,P°PePsCḤ Cr P·PrPsCḤPsPIPëC... PrPsCḤPsCÍP»PëC... C,P° PrPsCḤPsCÍP»PëC... P·
P°PeC,PëPSC-C†PSPëPj PePμCḤP°C,PsP·PsPj P°P±Ps PìPsPIPμCḤC...PSPμPIPsCḤ
P±P°P·P°P»C-PsPjPsCḤ. Pj PjPsP»PsPrCëPëC... PìP°C†C-C''PSC,C-PI PIC-PePsPj 2-5
CḤPsPeC-PI P°P±CÍPsCḤP±C†C-CÍ PSP° PsCÍPSPsPIC- P·PSP°C†PμPSCḤ C_{max}
P±CÍP»P° PIPëC%PsCḤ PìPsCḤC-PIPSCÍPSPs P· PrPsCḤPsCÍP»PëPjPë.

РљР»С-РSC-С†РSC- С...Р°СḤР°РeC,РμСḤРëCÍC,РëРeРë.

РμРsРeР°Р·Р°РSPSCII.

РμCḤРμPìP°CḤP°C, PìPsPeP°P·P°PSPëPNë PrP»CÍ PjC-CÍC†PμPIPsPìPs
P»C-PeCÍPIP°PSPSCÍ:

- P·PsPIPSC-CëPSC-C... PìPμPSC-C,P°P»CḤPSPëC... C,P° PìPμCḤC-P°PSP°P»CḤPSPëC...
PìPsCÍC,CḤPsPeC-PSC†PμPIPëC... PePsPSPrPëP»PsPj (condylomata acuminata);
- PSPμPIPμP»PëPePëC... P·P° CḤPsP·PjC-CḤPsPj PìPsPIPμCḤC...PSPμPIPëC...
P±P°P·P°P»CḤPSPsPeP»C-C,PëPSPSPëC... PeP°CḤC†PëPSPsPj (PìP°PḤPḤ);
- PeP»C-PSC-C†PSPs C,PëPìPsPIPëC..., P±PμP· PsP·PSP°Pe PìC-PìPμCḤPePμCḤP°C,PsP·CÍ
P°P±Ps PìC-PìPμCḤC,CḤPsC,,C-C—, P°PeC,PëPSC-C†PSPëC... PePμCḤP°C,PsP·C-PI (PḤPḤ),
CḤPsP·C,P°CëPsPIP°PSPëC... PSP° CëPeC-CḤC- PsP±P»PëC†C†CÍ P°P±Ps
PIPsP»PsCÍPëCÍC,C-PNë C†P°CÍC,PëPSC- PìPsP»PsPIPë Cr PìP°C†C-C''PSC,C-PI P·
PSPsCḤPjP°P»CḤPSPs C,,CÍPSPeC†C-PsPSCÍCḤC†PsCḤ C-PjCÍPSPSPsCḤ CÍPëCÍC,PμPjPsCḤ Cr
PIPëPìP°PrPeP°C..., PePsP»Pë PμC,,PμPeC,PëPIPSC-CÍC,CḤ C,P°/P°P±Ps
PìCḤPëPNëPSCÍC,PSC-CÍC,CḤ PeCḤC-PsC,PμCḤP°PìC-C— C'' PsP±PjPμP¶PμPSPëPjPë P·
PsPìP»CÍPrCÍ PSP° CḤPsP·PjC-CḤ P°P±Ps PeC-P»CḤPeC-CÍC,CḤ PIPsPìPSPëC%
CÍCḤP°P¶PμPSPSCÍ, P° C-PSCëC- PjPμC,PsPrPë PjC-CÍC†PμPIPsPìPs
P»C-PeCÍPIP°PSPSCÍ PìCḤPsC,PëPìPsPeP°P·P°PSC- P°P±Ps PjPμPSCë
PrPsC†C-P»CḤPSC-.

РμСḤPsC,РëPìPsРeР°Р·Р°РSPSCII.

P°C-PìPμCḤC†CÍC,P»PëPIC-CÍC,CḤ PrPs C-PjC-PePIC-PjPsPrCÍ P°P±Ps PrPs P±CÍPrCḤ-
CÍPePëC... C-PSCëPëC... PePsPjPìPsPSPμPSC,C-PI PìCḤPμPìP°CḤP°C,CÍ.

**Р'Р·Р°С''PjPsPrC-CII Р· C-PSCëPëPjPë Р»C-РeР°СḤCÍCḤРeРëPjPë Р·Р°CÍPsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·Р°С''PjPsPrC-PNë.**

P-PsPrPSPëC... PrPsCÍP»C-PrP¶PμPSCḤ PIP·P°C''PjPsPrC-C— PSPμ PìCḤPsPIPsPrPëP»PsCÍCÍ,
CÍ C,, C†. PIP·P°C''PjPsPrC-C— P· C-PjCÍPSPsCÍCÍPìCḤPμCÍPëPIPSPëPjPë
PìCḤPμPìP°CḤP°C,P°PjPë. P'P·P°C''PjPsPrC-CÍ C-P· PìCḤPμPìP°CḤP°C,P°PjPë
CÍPëCÍC,PμPjPSPsC— PrC-C— PsP±PjPμP¶CÍPIP°C,PëPjPμC,CḤCÍCÍ PjC-PSC-PjP°P»CḤPSPëPj
PICÍPjPsPeC,CÍPIP°PSPSCÍPj PeCḤPμPjC-PI PSP° PsCÍPSPsPIC- C-PjC-PePIC-PjPsPrCÍ
C†PμCḤPμP· CëPeC-CḤCÍ.

P— CíCĤP°C...CíPIP°PSPSCĬPj C-PjCíPSPsCíC,PëPjCíP»CĤCĤC±PëC...
PIP»P°CíC,PëPIPsCíC,PμPNë, PeCĤPμPj, CĬPePëPNë PjC-CíC,PëC,CH C-PjC-PePIC-PjPsPr,
CíP»C-Pr P·P°CíC,PsCíPSPICíPIP°C,Pë P· PsP±PμCĤPμP¶PSC-CíC,CĤ PíP°C†C-C"PSC,P°Pj,
CĬPeC- P·P°CíC,PsCíPSPICíCĤC,CH C-PjCíPSPsCíCíPíCĤPμCíPSPCĤPë (PrPëPI. CĤPsP·PrC-P»
B«PĥCíPSP±P»PëPIPsCíC,C- P·P°CíC,PsCíCíPIP°PSPSCĬB»).

PĥCíPSP±P»PëPIPsCíC,C- P·P°CíC,PsCíCíPIP°PSPSCĬ.

*PĥCíPSP±P»PëPIPsCíC,C- P·P°CíC,PsCíCíPIP°PSPSCĬ PrP»CĬ PICíC-C...
PíPsPeP°P·P°PSCĤ.*

PŸP»C-Pr CíPSPëPeP°C,Pë PePsPSC,P°PeC,Cí P·C- CíP»PëP·PsPIPsCĤ
PsP±PsP»PsPSPePsCĤ PsC±PμPNë, PiCíP± C- PSPsCíP°.

P†PjC-PePIC-PjPsPr PjPsP¶Pμ P·P°PiPsCíC,CĤCĤPIP°C,Pë P·P°PíP°P»CHPSC-
PíCĤPsC†PμCíPë PSP° CëPeC-CĤC-.

PĤCĤPμPj CíP»C-Pr PsP±PμCĤPμP¶PSPs P·P°CíC,PsCíPSPICíPIP°C,Pë
PíP°C†C-C"PSC,P°Pj P· P°CíC,PsC-PjCíPSPSPëPjPë P·P°C...PIPsCĤCĤPIP°PSPSCĬPjPë,
PíP°C†C-C"PSC,P°Pj, CĬPeC- PíPμCĤPμPSPμCíP»Pë C,CĤP°PSCíPíP»P°PSC,P°C†C-CĤ
PsCĤPiP°PSC-PI (PrPëPI. CĤPsP·PrC-P» B«P·P·P°C"PjPsPrC-CĬ P· C-PSCëPëPjPë
P»C-PeP°CĤCíCĤPePëPjPë P·P°CíPSP±P°PjPë C,P° C-PSCëC- PIPëPrPë
PIP·P°C"PjPsPrC-PNëB»).

PĶPμPsP±C...C-PrPSPs CĤPsP·PiP»CĬPrP°C,Pë CíPíC-PIPIC-PrPSPsCëPμPSPSCĬ
PePsCĤPëCíC,C- P»C-PeCíPIP°PSPSCĬ C-PjC-PePIC-PjPsPrPsPj PrP»CĬ C†PëC...
PíP°C†C-C"PSC,C-PI P· PjPsP¶P»PëPIPëPj PíPsPiC-CĤCëPμPSPSCĬPj C—C...PSCĤPsPiPs
P°CíC,PsC-PjCíPSPSPsPiPs P·P°C...PIPsCĤCĤPIP°PSPSCĬ C,P° CĤPëP·PëPePsPj,
PíPsPiCĬP·P°PSPëPj P· PjPsP¶P»PëPIC-CíC,CĤ PIC-PrC,PsCĤPiPSPμPSPSCĬ
PsCĤPiP°PSCí, P°P±Ps CĤPμP°PeC†C-C— C,CĤP°PSCíPíP»P°PSC,P°C, PíCĤPsC,Pë
PiPsCíPíPsPrP°CĤCĬ.

P>C-PeCíPIP°PSPSCĬ PeCĤPμPjPsPj PSPμ CĤPμPePsPjPμPSPPrCíC"C,CHCíCĬ Cí
PIPëPíP°PrPeCí, CĬPeC%Ps CëPeC-CĤP° PSPμ P·P°PiPsC—P»P°CíCĬ PíC-CíP»CĬ
PíPsPíPμCĤPμPrPSCĤPsPiPs PjPμPrPëPeP°PjPμPSC,PsP·PSPsPiPs P°P±Ps
C...C-CĤCíCĤPiC-C±PSPsPiPs P»C-PeCíPIP°PSPSCĬ. PĶP°PSPμCíPμPSPSCĬ PeCĤPμPjCí
PSP° CíCĤP°P¶PμPSCí CëPeC-CĤCí PjPsP¶Pμ PíC-PrPIPëC%PëC,Pë CíPëCíC,PμPjPSPμ
PICíPjPsPeC,CíPIP°PSPSCĬ C-PjC-PePIC-PjPsPrCí, C%Ps PíC-PrPIPëC%PëC,CH
CĤPëP·PëPe PIPëPSPëPePSPμPSPSCĬ PíPsP±C-C±PSPëC... CĤPμP°PeC†C-PNë (PrPëPI.
CĤPsP·PrC-P»Pë B«PμPsP±C-C±PSC- CĤPμP°PeC†C-C—B»,
B«PμPμCĤPμPrPsP·CíPIP°PSPSCĬB»).

PĶPμ CĤPμPePsPjPμPSPPrCíC"C,CHCíCĬ PIPëPePsCĤPëCíC,P°PSPSCĬ
PsPeP»CĤP·C-PNëPSPsC— PíPsPIBĤ™ CĬP·PePë.

PJ PíPsPsPrPëPSPsPePëC... PIPëPíP°PrPeP°C... PjPsP¶Pμ
CíPíPsCíC,PμCĤC-PiP°C,PëCíCĬ PíPsCíC,CĤP° CĤPμP°PeC†C-CĬ
P·P°PíP°P»PμPSPSCĬ, PI C,PsPjCí C±PëCíP»C- PjPsPePSCíC,C,CĬ P°P±Ps

$\text{P}_{\mu}\text{C}_{\eta}\text{PsP}\cdot\text{C}-\text{C}_{\eta}, \text{P}\ddot{\text{C}}-\text{C}\ddot{\text{P}}\gg\text{C}_{\eta} \text{PrP}_{\mu}\text{PeC}-\text{P}\gg\text{CHPePsC}\dots \text{PSP}^{\circ}\text{PSP}_{\mu}\text{C}\ddot{\text{P}}_{\mu}\text{PSC}_{\eta} \text{PeC}_{\eta}\text{P}_{\mu}\text{PjC}\ddot{\text{r}}$
 $\text{P}\cdot\text{C}-\text{PjC}-\text{PePIC}-\text{PjPsPrPsPj}. \text{P}_{\eta}\text{C}-\text{C}\ddot{\text{C}}\ddot{\text{P}}_{\mu}\text{PIC}-\text{PiPsC}\ddot{\text{C}}, \text{C}_{\eta}\text{C}-\text{C}_{\eta}\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\ddot{\text{P}}\text{C}-\text{C}-$
 $\text{P}\cdot\text{P}^{\circ}\text{PiP}^{\circ}\text{P}\gg\text{P}_{\mu}\text{PSPSC}_{\eta} \text{PjPsP}\ddot{\text{C}}\ddot{\text{C}}, \text{CH} \text{C}\ddot{\text{C}}\ddot{\text{C}}\ddot{\text{P}}\ddot{\text{C}}_{\eta}\text{PsPIP}_{\mu}\text{PrP}\ddot{\text{C}}\ddot{\text{P}}\text{IP}^{\circ}\text{C}, \text{P}\ddot{\text{e}} \text{P}^{\circ}\text{P}\pm\text{Ps}$
 $\text{PSP}^{\circ}\text{PIC}-\text{C}, \text{CH} \text{PiP}_{\mu}\text{C}_{\eta}\text{P}_{\mu}\text{PrC}\ddot{\text{P}}\text{IP}^{\circ}\text{C}, \text{P}\ddot{\text{e}} \text{C}\ddot{\text{P}}\ddot{\text{e}}\text{C}\ddot{\text{C}}, \text{P}_{\mu}\text{PjPSP}\ddot{\text{e}}\text{Pj} \text{PsP}\cdot\text{PSP}^{\circ}\text{PeP}^{\circ}\text{Pj} \text{C}-$
 $\text{C}\ddot{\text{P}}\ddot{\text{e}}\text{PjPiC}, \text{PsPjP}^{\circ}\text{Pj}, \text{C}\%_{\text{o}}\text{Ps} \text{PSP}^{\circ}\text{PiP}^{\circ}\text{PrC}\ddot{\text{r}}\text{C}_{\eta}\text{C}, \text{CH} \text{PiC}_{\eta}\text{P}\ddot{\text{e}}\text{Pi}, \text{C}\ddot{\text{r}} \text{C}, \text{PsPjC}\ddot{\text{r}} \text{C}\ddot{\text{P}}\ddot{\text{e}}\text{C}\ddot{\text{P}}\gg\text{C}-$
 $\text{PSP}_{\mu}\text{P}\cdot\text{PrC}\ddot{\text{r}}\text{P}\ddot{\text{P}}^{\circ}\text{PSPSC}_{\eta}, \text{PiP}^{\circ}\text{C}_{\eta}\text{C}_{\eta}\text{C}\ddot{\text{C}}\text{C}-, \text{PSC}\ddot{\text{r}}\text{PrPsC}, \text{C}-, \text{P}\pm\text{PsP}\gg\text{C}_{\eta} \text{C}\ddot{\text{r}}$
 $\text{Pj}_{\eta}\text{C}_{\eta}^{\text{TM}} \text{C}_{\eta}\text{P}\cdot\text{P}^{\circ}\text{C}\dots \text{C}, \text{P}^{\circ} \text{PsP}\cdot\text{PSP}_{\mu}\text{P}\pm\text{C}\ddot{\text{r}}. \text{P}\ddot{\text{Y}}\text{P}\gg\text{C}-\text{Pr} \text{C}_{\eta}\text{PsP}\cdot\text{PiP}\gg\text{C}_{\eta}\text{PSC}\ddot{\text{C}}, \text{P}\ddot{\text{e}} \text{PiP}\ddot{\text{e}}\text{C}, \text{P}^{\circ}\text{PSPSC}_{\eta}$
 $\text{PiC}_{\eta}\text{P}\ddot{\text{e}}\text{PiP}\ddot{\text{e}}\text{PSP}_{\mu}\text{PSPSC}_{\eta} \text{P}\cdot\text{P}^{\circ}\text{C}\ddot{\text{C}}, \text{PsC}\ddot{\text{C}}\ddot{\text{C}}\ddot{\text{P}}\text{IP}^{\circ}\text{PSPSC}_{\eta}.$

$$\begin{aligned} & \text{P} \uparrow \text{PjC} - \text{PePIC} - \text{PjPsPr} \text{ C} \uparrow \text{P} \gg \text{C} - \text{Pr} \text{ PsP} \pm \text{PuC} \uparrow \text{PuP} \uparrow \text{PSPs} \text{ P} \cdot \text{P}^\circ \text{C} \uparrow \text{C}, \text{PsC} \uparrow \text{PsPIC} \uparrow \text{PIP}^\circ \text{C}, \text{P} \ddot{\text{e}} \\ & \text{PiP}^\circ \text{C} \uparrow \text{C} - \text{C}'' \text{PSC}, \text{P}^\circ \text{Pj} \text{ P} \cdot \text{PiPsPSP} \ddot{\text{e}} \text{P} \uparrow \text{PuPSP} \ddot{\text{e}} \text{Pj} \text{ PiPuPjP}^\circ \text{C}, \text{PsP} \gg \text{PsPiC} - \text{C} \ddot{\text{e}} \text{PSP} \ddot{\text{e}} \text{Pj} \\ & \text{C} \uparrow \text{PuP} \cdot \text{PuC} \uparrow \text{PIP} \text{Psj} \text{ (PrP} \ddot{\text{e}} \text{PI. C} \uparrow \text{PsP} \cdot \text{PrC} - \text{P} \gg \text{B} \ll \text{PuPsP} \pm \text{C} - \text{C} \ddot{\text{e}} \text{PSC} - \text{C} \uparrow \text{PuP}^\circ \text{PeC} \uparrow \text{C} - \text{C} - \text{B} \gg). \end{aligned}$$
$$P-PsPIPSC-C\epsilon PSC- PiP\mu PSC-C,P^oP\gg CHBPSC- PePsPSP\tau P\ddot{e}P\gg PsPjP\ddot{e}.$$

P†C†PSC†C” PsP±PjPμP¶PμPSPëP№ PrPsC†PIC-Pr PIPëPePsC†PëC†C,P°PSPSC‡
PeC†PμPjC† P· C-PjC-PePIC-PjPsPrPsPj PrP»C‡ P»C-PeC†PIP°PSPSC‡
C‡PsP»PsPIC-PeC-PI P· PePsPSP†PëP»PsPjP°PjPë, C%Ps P·PSP°C...PsPrC‡C,C†C†C‡
PiC-Pr PeC†P°P№PSC†PsC† PiP»PsC,C,C†. PJ P±P°P·C- PrP°PSPëC... C%PsPrPs
P±PμP·PiPμPePë P·P°C†C,PsC†C†PIP°PSPSC‡ C‡PsP»PsPIC-PeP°Pj, C‡PePëPj PSPμ
PiC†PμPsPIP†PrPëP»PsC†C‡ PsP±C†C-P·P°PSPSC‡ C,P° C‡PeC-
P·P°C†C,PsC†PsPIC†PIP°P»Pë PeC†PμPj P· C-PjC-PePIC-PjPsPrPsPj C,C†PëC‡C- PSP°
C,PëP¶PrPμPSC† C,P° C%PsPrPμPSPSPs PiC†PμPsPIP†PrPëP»Pë PiC-PiC-C”PSC†
PeC†P°P№PSC†PsC— PiP»PsC,C-, P·P°P·PSP°C‡PμPSPs PjPμPSC€Pμ 100
PiP°C†C-C”PSC,C-PI. P’ C-PSC€PëC... PrPsC†P»C-PrP¶PμPSPSC‡C..., PI C‡PePëC...
PiP°C†C-C”PSC,Pë PSPμ PrPsC,C†PëPjC†PIP°P»PëC†C‡ PiC-PiC-C”PSPë
PeC†P°P№PSC†PsC— PiP»PsC,C-, P·P°C†PμC”C†C,C†PμPIP°PSPs PrPIP° PIPëPiP°PrPePë
C,C‡P¶PePsPiPs C,,C-PjPsP·C† C,P° PsPrPëPS PIPëPiP°PrPsPe C†C,C†PëPeC,C†C†Pë,
C%Ps C†C,P°P»Ps PiC†PëC‡PëPSPsC† PsP±C†C-P·P°PSPSC‡.

P>C-PeCrPIP°PSPSCЦ C‡PsP»PsPIC-PeC-PI P· PePsPSPPrPëP»PsPjP°PjPë PSP°
PrC-P»CЦPSC†C- PeC‡P°PN‡PSC‡PsC— PiP»PsC,C- PjPsP¶P»PëPIPµ C,C-P»CH‡PePë P·P°
CrPjPsPIPë PiC‡PsPIPµPrPµPSPSCЦ C‰PsPrPµPSPSPëC... PiC-PiC-C”PSC-C‡PSPëC...
PiC‡PsC‡PµPrCrC‡. P P°PSPSC-PjPë PsP·PSP°PeP°PjPë C‡C,C‡PëPeC,CrC‡Pë
PjPsP¶CrC,C‡ P±CrC,Pë PjC-C‡C‡PµPIC- C‡PeC-C‡PSC- C‡PµP°PeC‡C-C—
(PSP°PiC‡PëPeP»P°Pr PµC‡PsP·C-CЦ, PIPëC‡P°P·PeP°, PSP°P±C‡CЦPe,
CrC‰C-P»CH‡PSPµPSPSCЦ) P°P±Ps CrC,C‡CrPrPSPµPSPSCЦ PiC‡Pë
P·C‡PsPICrPIP°PSPSC- PeC‡P°PN‡PSC‡PsC— PiP»PsC,C-. PµC‡Pë PiPsCЦPIC-
C,P°PePëC... C‡PëPjPiC,PsPjC-PI P»C-PeCrPIP°PSPSCЦ C‡P»C-Pr PSPµPiP°PN‡PSPs
PiC‡PëPiPëPSPëC,Pë.

[illegible]

РнС-СГГ+РμPIC- СЕРс-СГПSC- СГРμР°РсГ+С-С—, С,Р°РсС- СПРс
 РiРсС+РμСГРiРсPSC-PSPSCП, РμСГРсР·С-СП, РμРсСГРсРсСГС-Р°Г+С-СП,
 Р»СГС%оРμPSPSCП С,Р° PSP°Р±СГСПРсРө, С" РiРсСЕРсСГРμPSPөРjРө. РÿР°РсРсРП
 РiРсPIC-РrРсРjР»СПР»РсСГГСП РiСГРс С-PSC€С- РjС-СГГ+РμPIC- СГРμР°РсГ+С-С—,
 С,Р°РсС- СПРс СГС%оС-Р»СнPSPμPSPSCП, РiРөСГР°Р·РсР°, СГГ,СГСГРi С,Р°
 РiРμР·РөРсСГР»Рө. Рj Р·РiБГ™ СПР·РсСГ Р· С+РөРj, СПРсС%оРс СЕРс-СГПSP°
 СГРμР°РсГ+С-СП СГГ,Р°С" PSPμСГГ,РμСГРiPSPсСГ, РrС-Р»СПSPсСГ
 PSP°PSPμСГРμPSPSCП РсСГРμРjСГ РiРсС,СГС-Р±PSPs РiСГРсРjРөС,Рө С,РμРiР»РсСГ
 РiРсРrРсСГ Р· РjРөР»РсРj. Р·С-РсСГРiР°PSPSCП РсСГРμРjРсРj РjРсРПPSP°
 РiРсPSPsРiРөС,Рө РiС-СГР»СП РiРсСГР»Р°Р±Р»РμPSPSCП СЕРс-СГПSPөС...
 СГРμР°РсГ+С-Р№. Р РөР·РөРс РiРөPSPөРсPSPμPSPSCП РjС-СГГ+РμРiРөС... СЕРс-СГПSPөС...
 СГРμР°РсГ+С-Р№ С,СПРПРсРiРс СГГ,СГРiРμPSCП РjРсРПРμ Р·Р±С-Р»СнС€СГРiР°С,РөСГГСП
 РiСГРө Р·Р°СГГ,РсСГСГРiР°PSPSC- С-РjС-РсРiС-РjРсРrСГ СГ РrРсР·Р°С..., С%оРс
 РiРμСГРμРiРөС%оСГСГ,Сн СГРμРсРjРμPSPРсРiР°PSC- (РrРөРi. СГРсР·РrС-Р»
 Б«РÿРiРсСГГ-Р± Р·Р°СГГ,РсСГСГРiР°PSPSCП С,Р° РrРсР·РөБ»). РнРrPSP°Рс СГ
 РiРсРсРrРөPSPsРсРөС... РiРөРiР°РrРсР°С... СГ РiР°Г+С-С"PSC,С-Рi, СПРс-
 Р·Р°СГГ,РсСГРсРiСГРiР°Р»Рө С-РjС-РсРiС-РjРсРr Р·РiС-РrPSPs Р· С-PSCГГ,СГСГРсГ+С-С"СГ,
 СГРiРсСГГ,РμСГС-РiР°Р»РөСГГ С,СПРПРсС- РjС-СГГ+РμPIC- СГРμР°РсГ+С-С—, СПРс-
 РiРсС,СГРμР±СГРiР°Р»Рө Р»С-РсСГРiР°PSPSCП С,Р°/Р°Р±Рс СГГ,Р°РiР°Р»Рө
 РiСГРөС+РөPSPсСГ С,РөРjС+Р°СГРсРiРс— PSPμРrС-С"Р·РrР°С,PSPsСГГ,С-. РiРсС%оРс
 С,Р°РсС- СГРμР°РсГ+С-С— СГРiРсСГГ,РμСГС-РiР°Р»РөСГГ Рi СГСГРμС,СГР°Р»СнPSPsРjСГ
 РсР°PSP°Р»С-, СГ РrРμСПРсРөС... РПС-PSPsРс РiРөPSPөРсР»Рө С,СГСГРrPSPсС%оС- Р·
 СГРμС+РсРiРөСГРсР°PSPSCПj, С%оРс С-PSPsРrС- РiРсС,СГРμР±СГРiР°Р»РөРс
 РμРсСГГ,СГРμPSPсС— РсР°С,РμС,РμСГРөР·Р°Г+С-С— С,Р° Р»С-РсСГРiР°PSPSCП
 СГСГР°РПРμPSPсС— РrС-Р»СПSPсРө.

PĶPµPjP°C” PeP»C-PSC-C‡PSPëC... PrP°PSPëC... C%oPsPrPs PSP°PSPµCĬPµPSPSCĬ
 PeCĤPµPjCĬ PsPrCĤP°P·CĬ PiC-CĬP»CĬ P»C-PeCĬPIP°PSPSCĬ
 PiPµPSC-C,P°P»CḤPSPëC... C- PiPµCĤC-P°PSP°P»CḤPSPëC... PePsPSPPrPëP»PsPj
 C-PSC€PëPjPë P»C-PeP°CĤCĬCḤPePëPjPë P·P°CĬPsP±P°PjPë.

РљСђРµРј Р· С-РјС-РёРІС-РјРѕРѕРѕРј РїРѕС,СђС-Р±РѕРѕ Р·РјРёС,Рё РїРµСђРµРѕРѕ
СђС,Р°С,РµРІРёРё Р°РёС,РѕРј. Р'С-Рѕ РјРѕРѕРµРµ Р·РјРµРµРѕСёРёС,Рё РµС,,РµРёС,
РїСђРµРµР·РµРІР°С,РёРІС-РІ С- РІР°РІС-РѕР°»СђРѕРёС... РёС-Р°С,,СђР°Р°Рј,
С,РѕРјСђ С—С... РѕРѕРѕРѕС±Р°СђРѕРµ РІРёРёРёРѕСђС,Р°РѕРѕССё Р· РёСђРµРµРјРјРѕРј
РѕР° РѕСђРѕРѕРІС- С-РјС-РёРІС-РјРѕРѕРѕРѕ РѕРµ СђРµРµРѕРјРµРѕРјРµРѕРѕРѕРѕС"С,СђССёСё.
РёРµРµРѕР±С...С-РёРѕРѕ РІРёРёРёРѕСђС,РѕРІСђРІР°С,Рё С-РѕСёС- Р°Р°СђРѕР±Рё
РёРѕРѕСС,СђР°С±РµРїС±С—.

$$\begin{aligned} & \text{P}_{\mu}\text{P}^{\circ}\text{C}\dagger\text{C}-\text{C}''\text{PSC}, \text{P}^{\circ}\text{P}_{\text{j}} \text{P} \cdot \text{PsC}\acute{\text{r}}\text{P}\gg\text{P}^{\circ}\text{P}\pm\text{P}\gg\text{P}_{\mu}\text{PSP}\ddot{\text{e}}\text{P}_{\text{j}} \text{C}-\text{P}_{\text{j}}\text{C}\acute{\text{r}}\text{PSC}-\text{C}, \text{P}_{\mu}\text{C}, \text{PsP}_{\text{j}} \\ & \text{P}\ddot{\text{i}}\text{PsPIC}, \text{PsC}\ddot{\text{H}}\text{PSP}_{\mu} \text{P}\gg\text{C}-\text{P}\text{eC}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}} \text{P}\text{eC}\ddot{\text{H}}\text{P}_{\mu}\text{P}_{\text{j}}\text{PsP}_{\text{j}} \text{PSP}_{\mu} \\ & \text{C}\ddot{\text{H}}\text{P}_{\mu}\text{P}\text{ePsP}_{\text{j}}\text{P}_{\mu}\text{PSP}\text{rC}\acute{\text{r}}\text{C}''\text{C}, \text{C}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{C}\ddot{\text{I}}. \end{aligned}$$

$\Pi \Gamma \text{PsC} \neq \text{P}^\circ$ $\text{PsP} \pm \text{PjP}_\mu \text{P} \parallel \text{P}_\mu \text{PSC} - \text{PrP}^\circ \text{PSC} - \text{C} \Gamma \text{PIC} - \text{PrC} \neq \text{P}^\circ \text{C}, \text{CH} \text{ PiC} \text{H} \text{Ps}$
 $\text{P} \cdot \text{P} \pm \text{C} - \text{P} \gg \text{CHC} \in \text{P}_\mu \text{PSPSC} \sqcup \text{C} \neq \text{P}^\circ \text{C} \Gamma \text{C}, \text{PsC}, \text{P} \ddot{\text{e}} \text{PIP} \ddot{\text{e}} \text{PiP}^\circ \text{PrPeC} - \text{PI} \text{ P} \cdot \text{PjP}_\mu \text{PSC} \in \text{P}_\mu \text{PSPSC} \sqcup$
 $\text{PePsPSPPrP} \ddot{\text{e}} \text{P} \gg \text{PsPj} \text{ Cr} \text{ P}^\circ \text{P} \uparrow \text{P} \rangle - \text{PiPsP} \cdot \text{P} \ddot{\text{e}} \text{C}, \text{P} \ddot{\text{e}} \text{PIPSP} \ddot{\text{e}} \text{C} \dots \text{PiP}^\circ \text{C} \uparrow \text{C} - \text{C}'' \text{PSC}, \text{C} - \text{PI} \text{ PiC} \text{H} \text{P} \ddot{\text{e}}$
 $\text{P} \gg \text{C} - \text{PeCrPIP}^\circ \text{PSPSC} - \text{PePsPSPPrP} \ddot{\text{e}} \text{P} \gg \text{PsPj}, \text{ Cr} \text{ P}^\circ \text{P} \uparrow \text{P} \rangle - \text{PiPsP} \cdot \text{P} \ddot{\text{e}} \text{C}, \text{P} \ddot{\text{e}} \text{PIPSP} \ddot{\text{e}} \text{C} \dots$
 $\text{PiP}^\circ \text{C} \uparrow \text{C} - \text{C}'' \text{PSC}, \text{C} - \text{PI} \text{ P} \cdot \text{P}^\circ \text{C} \Gamma \text{C}, \text{PsC} \Gamma \text{CrPIP}^\circ \text{PSPSC} \sqcup \text{PeC} \text{H} \text{P}_\mu \text{PjCr} \text{ P} \pm \text{CrP} \gg \text{Ps} \text{ PSP}_\mu$
 $\text{P} \cdot \text{P}^\circ \text{PIP} \parallel \text{PrP} \ddot{\text{e}} \text{PuC}, \text{PuPeC}, \text{P} \ddot{\text{e}} \text{PIPSP} \ddot{\text{e}} \text{Pj}.$

$P^{\circ}C-P \gg C\bar{I}PSPeCr \bar{P}\bar{i}PsPIP_{\mu}C\bar{H}C...PSC-CePeC-C\bar{H}P\bar{e}, C_{\infty}Ps \bar{P}\bar{i}C-PrPrP^{\circ}C^{\circ}C, C\bar{H}C\bar{I}C\bar{I}$
 $P \gg C-PeCrPIP^{\circ}PSPSCH, C\bar{I}P \gg C-Pr P \cdot P^{\circ}C...P\bar{e}C_{\infty}P^{\circ}C, P\bar{e} PIC-Pr PIP\bar{i}P \gg P\bar{e}PICr$
 $CrP \gg C\bar{H}C, C\bar{H}P^{\circ}C,, C-PsP \gg P_{\mu}C, PsPIP_sPiPs Ps\bar{P}\bar{i}C\bar{H}PsPjC-PSP_{\mu}PSPSCH.$

PћPеC,PёPSC-C#PSPёPNё PеPµCђP°C,PsP°.

PїPеC%Ps CrCђP°P¶PµPSPSCї C" PеP»C-PSC-C#PSPs P°C,PёPїPsPIPёPjPё PrP»Cї P°PеC,PёPSC-C#PSPsPiPs PеPµCђP°C,PsP·Cr P°P±Ps PSP°CїPIPSP° PїC-PrPsP·CђP° PSP° P·P»PsCїPеC-CїPSPµ PSPsPIPsCrC,PIPsCђPµPSPSCї, CїP»C-Pr PїCђPsPIPµCїC,Pё P±C-PsPїCїC-Cђ PrP»Cї PIPёP·PSP°C#PµPSPSCї PIC-PrPїPsPIC-PrPSPsPiPs P»C-PeCrPIP°PSPSCї.

PµCђPё P»C-PeCrPIP°PSPSC- P°PеC,PёPSC-C#PSPsPiPs PеPµCђP°C,PsP·Cr PеCђPµPj PSPµ CїP»C-Pr PSP°PSPsCїPёC,Pё PSP° PїPsPIC-PePё, PSP° PIPSCrC,CђC-CёPSCђ PїPsPIPµCђC...PSCђ PSPsCїP° P°P±Ps PICrC..., P°P±Ps PSP° C#PµCђPIPsPSCr PеP°PNёPjCr PїCrP±C-PI.

PљC-P»CHPеC-CїC,CH PrP°PSPёC... C%PsPrPs P·P°CїC,PsCїCrPIP°PSPSCї PеCђPµPjCr PSP° C-PSCёPёC... PrC-P»CїPSPeP°C..., PSC-P¶ CёPеC-CђP° PsP±P»PёC#C#Cї P°P±Ps PiPsP»PsPIPё, PsP±PjPµP¶PµPSP°. P"°PSC- C%PsPrPs P»C-PeCrPIP°PSPSCї PеPµCђP°C,PsP·Cr Cr PїP°C...PIPsPIPёC... PrC-P»CїPSPeP°C... C- PSP° PеPёCїC,CїC... CђCrPе PSPµ PїC-PrC,PIPµCђPrP¶CrCђC,CH PµC,,PµPеC,PёPIPS- CїC,CH PїCђPµPїP°CђP°C,Cr, C,PspjCr C,P°PеPµ P»C-PeCrPIP°PSPSCї PSPµ CђPµPePsPjPµPSPrPsPIP°PSPµ.

P†PjC-PePIC-PjPsPr PSPµ CђPµPePsPjPµPSPrCrC"C,CHCїCї PrP»Cї P»C-PeCrPIP°PSPSCї P°PеC,PёPSC-C#PSPёC... CrCђP°P¶PµPSCђ P· PIPёCђP°P¶PµPSPёPj PiC-PїPµCђPePµCђP°C,Psp·PsPj P°P±Ps PiC-PїPµCђC,CђPsC,,C-C"Cђ, CїPеC- CїPїPsCїC,PµCђC-PїP°CђC,CHCїCї PїCђPё CђPsPiPsPIC-PNё PеPµCђP°C,PspjC-.

PµC-Pr C#P°Cї P»C-PeCrPIP°PSPSCї C- PrPs PїPsPIPSPsPiPs PsPrCrP¶P°PSPSCї CrCђP°P¶PµPSP° CёPеC-CђP° P·PSP°C#PSPs PIC-PrCђC-P·PSCїC"C,CHCїCї PIC-Pr P·PrPsCђPsPIPsC—. PњC-CїC†PµPIC- CёPеC-CђPSC- CђPµP°PеC†C-C— C" PSPsCђPjP°P»CHPSPёPj CїPIPёC%PµPj, P°P»Pµ PiPsCїC,CђPsC,P° C†PёC... CђPµP°PеC†C-PNё, CїPе PїCђP°PIPёP»Ps, P·PSPёP¶CrC"C,CHCїCї PїC-Pr C#P°Cї P»C-PeCrPIP°PSPSCї, C- PIPsPSPё P·PSPёPеP°CђC,CH PїC-CїP»Cї PїCђPёPїPёPSPµPSPSCї P»C-PeCrPIP°PSPSCї PеCђPµPjPsPj. P†CїPSCrC" P·P°P»PµP¶PSC-CїC,CH PjC-P¶ CёPIPёPrPеC-CїC,Cђ PsPrCrP¶P°PSPSCї C- PїCђPsCїPIPsPj PjC-CїC†PµPIPёC... CёPеC-CђPSPёC... CђPµP°PеC†C-PNё (PSP°PїCђPёPeP»P°Pr PµCђPёC,PµPjPё). P|C- PjC-CїC†PµPIC- CђPµP°PеC†C-C— PjPsP¶CrC,CH P±CrC,Pё PїPsPIBђ™ CїP·P°PSC- P·C- CїC,PёPjCrP»CїC†C-C"Cђ PjC-CїC†PµPIPsC— C-PjCrPSPSPsC— CђPµP°PеC†C-C—. PњPsP¶PSP° P·CђPsP±PёC,Pё PїPµCђPµCђPICr PI P»C-PeCrPIP°PSPSC- PSP° PrPµPеC-P»CHPеP° PrPSC-PI Cr P·PIBђ™ CїP·PеCr P· PrPёCїPePsPjC,,PsCђC,PSPёPj PIC-PrC#CrC,C,CїPj Cr PїP°C†C-C"PSC,P° P°P±Ps C,CїP¶PеPёPjPё PjC-CїC†PµPIPёPjPё CђPµP°PеC†C-CїPjPё CёPеC-CђPё. P>C-PeCrPIP°PSPSCї PjPsP¶PSP° PїPsPSPsPIPёC,Pё PїC-CїP»Cї PїPsCїP»P°P±P»PµPSPSCї CёPеC-CђPSPёC... CђPµP°PеC†C-PNё.

PљPsP¶PµPS PїPµCђC-PsPr P»C-PeCrPIP°PSPSCї PSPµ PїPsPIPёPSPµPS PїPµCђPµPIPёC%CrPIP°C,Pё 4 C,PёP¶PSC-, PSPµP·PIP°P¶P°CђC#Pё PSP° PїCђPsPїCrC%PµPSC- PrPsP·Pё P°P±Ps PїPµCђC-PsPrPё PIC-PrPїPsC#PёPSPeCr.

$P\ddot{Y}P \gg C-Pr \quad P \cdot \quad PsP \pm P_{\mu}CH_2P_{\mu}P \parallel PSC-C\acute{I}C, CH_2 \quad P\ddot{i}CH_2P\ddot{e}P \cdot PSP^{\circ}C\ddagger P^{\circ}C, P\ddot{e} \quad C-PjC-PePIC-PjPsPr$
 $PIP^{\circ}PiC-C, PSP\ddot{e}Pj \quad P \parallel C-PSPEP^{\circ}Pj. \quad P_{\mu}CH_2P_{\mu}Pj \quad P_{\mu}P_{\mu}CH_2P^{\circ}PIP_sCH_2C, \quad PjPsP \parallel PSP^{\circ}$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{I}PIP^{\circ}C, P\ddot{e} \quad P\ddot{i}C-Pr \quad C\ddagger P^{\circ}C\acute{I} \quad PIP^{\circ}PiC-C, PSP_sC\acute{I}C, C-, \quad C, C-P \gg CH_2PeP\ddot{e} \quad C\Pi PeC_{\%}Ps$
 $PsC\ddagger C-PeC\acute{I}PIP^{\circ}PSP^{\circ} \quad PePsCH_2P\ddot{e}C\acute{I}C, CH_2 \quad P\ddot{i}P_{\mu}CH_2P_{\mu}PIP\ddot{e}C_{\%}C\acute{I}C'' \quad CH_2P\ddot{e}P \cdot P\ddot{e}Pe \quad PrP \gg C\Pi \quad P\ddot{i}P \gg PsPrP^{\circ}.$

P“PsPrCáPIP°PSPSCЦ PiCḡCáPrPrCḡ. PḡCḡPeC-P»CHḡPePë PiC-CḡP»CЦ
PsPrPSPsCḡP°P·PsPIPsPiPs C,P° P±P°PiP°C,PsCḡP°P·PsPIPsPiPs PjC-CḡC†PμPIPsPiPs
P·P°CḡC,PsCḡCḡPIP°PSPSCЦ C-PjC-PePIC-PjPsPrCḡ PI CḡPëCḡPsPIP°C,C†C- PeCḡPsPIC- PSPμ
PIPëCЦPIP»CЦC”C,CHḡCḡCЦ PeC-P»CHḡPeC-CḡPSPs PIPëP·PSP°C†PμPSPëC... CḡC-PIPSC-PI (> 5
PSPi/PjP»), PSPμ PjPsP¶PSP° PrP°C,Pë PePsPSPeCḡPμC,PSPëC... CḡPμPePsPjPμPSPPrP°C†C-PNḡ
C%oPsPrPs P·P°CḡC,PsCḡCḡPIP°PSPSCЦ PiCḡPμPiP°CḡP°C,Cḡ P¶C-PSPeP°Pj, CЦPeC-
PiPsPrCḡCḡC,CHḡ PiCḡCḡPrPrCḡ.

P—PrP°C,PSC-CḡC,CHḡ PIPiP»PëPIP°C,Pë PSP° CēPIPëPrPeC-CḡC,CHḡ CḡPμP°PeC†C-C— PiCḡPë
PePμCḡCáPIP°PSPSC- P°PIC,PsC,CḡP°PSCḡPiPsCḡC,PsPj P°P±Ps C-PSCēPëPjPë
PjPμC...P°PSC-P·PjP°PjPë.

PḡCḡPμPj PḡPμCḡP°PIPsCḡC, PSPμ PIPiP»PëPIP°C” P°P±Ps PIPiP»PëPIP°C”
PSPμP·PSP°C†PSPsCḡ PjC-CḡPsCḡ PSP° P·PrP°C,PSC-CḡC,CHḡ PePμCḡCḡPIP°C,Pë
P°PIC,PsC,CḡP°PSCḡPiPsCḡC,PsPj P°P±Ps PiCḡP°C†CḡPIP°C,Pë P· C-PSCēPëPjPë
PjPμC...P°PSC-P·PjP°PjPë.

PŸPiPsCḡC-P± P·P°CḡC,PsCḡCáPIP°PSPSCЦ C,P° PrPsP·Pë.

PḡP°CḡC,PsC,Cḡ C- C,CḡPëPIP°P»C-CḡC,CHḡ P·P°CḡC,PsCḡCḡPIP°PSPSCЦ
PIPëP·PSP°C†P°C” P»C-PeP°Cḡ C-PSPPrPëPIC-PrCḡP°P»CHḡPSPs PrP»CЦ PePsP¶PSPsPiPs
PiP°C†C-C”PSC,P°.

P—PsPIPSC-CēPSC- PiPμPSC-C,P°P»CHḡPSC- PePsPSPPrPëP»PsPjPë Cḡ PrPsCḡPsCḡP»PëC....

PḡCḡPμPj P· C-PjC-PePIC-PjPsPrPsPj PSPμPsP±C...C-PrPSPs PSP°PSPsCḡPëC,Pë
C,CḡPëC†C- PSP° C,PëP¶PrPμPSCḡ (PSP°PiCḡPëPeP»P°Pr Cḡ PiPsPSPμPrC-P»PsPe,
CḡPμCḡPμPrCḡ C- Piḡḡ™ CЦC,PSPëC†Cḡ P°P±Ps Cḡ PIC-PIC,PsCḡPsPe, C†PμC,PIPμCḡ C-
CḡCḡP±PsC,Cḡ) PiPμCḡPμPr CḡPSPsPj C- P·P°P»PëCēP°C,Pë PSP° CēPeC-CḡC-
PiCḡPsC,CЦPiPsPj 6 Bḡ” 10 PiPsPrPëPS. P»C-PeCḡPIP°PSPSCЦ PeCḡPμPjPsPj P·
C-PjC-PePIC-PjPsPrPsPj PSPμPsP±C...C-PrPSPs PiCḡPsPrPsPIP¶CḡPIP°C,Pë PrPs
P·PSPëPePSPμPSPSCЦ PIPëPrPëPjPëC... PiPμPSC-C,P°P»CHḡPSPëC... C-
PiPμCḡC-P°PSP°P»CHḡPSPëC... PePsPSPPrPëP»PsPj, P°P»Pμ PSPμ P±C-P»CHḡCēPμ 16
C,PëP¶PSC-PI PiCḡPë PePsP¶PSC-PNḡ PiPsCЦPIC- PePsPSPPrPëP»PsPj.

PḡCḡPμPj CḡP»C-Pr PSP°PSPsCḡPëC,Pë C,PsPSPePëPj CēP°CḡPsPj C- PIC,PëCḡP°C,Pë PI
C†PëCḡC,Cḡ PiPsPIPμCḡC...PSCḡ CḡCḡP°P¶PμPSPëC... PePsPSPPrPëP»PsPjP°PjPë
PrC-P»CЦPSPsPe PrPs PiPsPIPSPsPiPs PICḡPjPsPeC,CḡPIP°PSPSCЦ. PḡCḡPμPj CḡP»C-Pr
PSP°PSPsCḡPëC,Pë C,C-P»CHḡPePë PSP° CḡCḡP°P¶PμPSC- PrC-P»CЦPSPePë C,P°
CḡPSPëPeP°C,Pë PIPSCḡC,CḡC-CēPSC-C... PiPsPIPμCḡC...PsPSCḡ. PμCḡPsC,CЦPiPsPj 6 Bḡ”
10 PiPsPrPëPS PiC-CḡP»CЦ PSP°PSPμCḡPμPSPSCЦ PeCḡPμPjCḡ PSP° CēPeC-CḡCḡ
CḡP»C-Pr CḡPSPëPeP°C,Pë PiCḡPëPNḡPsPjCḡ PrCḡCēCḡ P°P±Ps PIP°PSPSPë. PμC-CḡP»CЦ
P·P°PeC-PSC†PμPSPSCЦ PIPeP°P·P°PSPsPiPs C,PμCḡPjC-PSCḡ PeCḡPμPj
PiPsC,CḡC-P±PSPs P·PjPëC,Pë C,PμPiP»PsCḡ PIPsPrPsCḡ P· PjPëP»PsPj.
PḡP°PSPμCḡPμPSPSCЦ PSP°PrPjC-CḡPSPsC— PeC-P»CHḡPePsCḡC,C- PeCḡPμPjCḡ
P°P±Ps P±C-P»CHḡCē C,CḡPëPIP°P»PsPiPs PePsPSC,P°PeC,Cḡ P·C- CēPeC-CḡPsCḡ

PjPsP¶Pµ CÍPïCĤPëC±PëPSPëC,Pë CĤPµP°PeC†C-CĤ PI PjC-CÍC†C-
PSP°PSPµCÍPµPSPSCĬ (PrPëPI. CĤPsP·PrC-P»Pë B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCÍPIP°PSPSCĬB», B«PµPsP±C-C±PSC- CĤPµP°PeC†C-C—B»,
B«PµPµCĤPµPrPsP·CÍPIP°PSPSCĬB»). PµCĤPµPjCÍ P· PsPrPSPsPiPs CÍP°CëPµ
PIPëCÍC,P°C±P°C” PrP»CĬ PSP°PSPµCÍPµPSPSCĬ PSP° PrC-P»CĬPSPeCÍ CëPeC-CĤPë
P· PePsPSPPrPëP»PsPjP°PjPë 20 CÍPj². PkPµ PjPsP¶PSP° PïPsPIC,PsCĤPSPs
PIPëPePsCĤPëCÍC,PsPICÍPIP°C,Pë PeCĤPµPj C-P· PIC-PrPeCĤPëC,PsPiPs CĤP°PSC-CëPµ
PïP°PePµC,PëPeP°. P”Ps C- PïC-CÍP»CĬ PSP°PSPµCÍPµPSPSCĬ PeCĤPµPjCÍ
PSPµPsP±C...C-PrPSPs PIPëPjPëC,Pë CĤCÍPePë C,PµPïP»PsCĤ PIPsPrPsCĤ P· PjPëP»PsPj.

PŞPsP»PsPIC-PePë, CĬPeC- PSPµ PïCĤPsC...PsPrPëP»Pë PsP±CĤCĬPr
PsP±CĤC-P·P°PSPSCĬ, PïC-Pr C±P°CÍ P»C-PeCÍPIP°PSPSCĬ PePsPSPPrPëP»PsPj PïC-Pr
PeCĤP°PNëPSCĤPsCĤ PïP»PsC,C,CĤ PïPsPIPëPSPSC- P·CÍPsPICÍPIP°C,Pë
PeCĤP°PNëPSCĤ PïP»PsC,CĤ C- PjPëC,Pë PrC-P»CĬPSPeCÍ PïC-Pr PSPµCĤ
C%oPsPrPµPSPSPs (PrPëPI. CĤPsP·PrC-P»Pë B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCÍPIP°PSPSCĬB»).

PµPsPIPµCĤC...PSPµPIP° P±P°P·P°P»C-PsPjP° Cž PrPsCĤPsCÍP»PëC....

PkP°PSPsCÍPëC,Pë PeCĤPµPj P· C-PjC-PePIC-PjPsPrPsPj PïC-PrCĤCĬPr 5 PrPSC-PI PSP°
C,PëP¶PrPµPSCĤ PïCĤPsC,CĬPiPsPj 6 C,PëP¶PSC-PI (PSP°PïCĤPëPeP»P°Pr P·
PïPsPSPµPrC-P»PeP° PïPs PïbĤ™ CĬC,PSPëC†CĤ) PïPµCĤPµPr CÍPSPsPj C-
P·P°P»PëCëP°C,Pë PSP° CëPeC-CĤC- PïCĤPëP±P»PëP·PSPs PSP° 8 PiPsPrPëPS.

PµPµCĤPµPr P·P°CÍC,PsCÍCÍPIP°PSPSCĬPj PeCĤPµPjCÍ P· C-PjC-PePIC-PjPsPrPsPj
PSPµPsP±C...C-PrPSPs PIPëPjPëC,Pë CÍCĤP°P¶PµPSC- PrC-P»CĬPSPePë P· PjPëP»PsPj
C- PrP°C,Pë C—Pj PIPëCÍPsC...PSCÍC,Pë. P”PsCÍC,P°C,PSCH PeC-P»CHPeC-CÍC,CĤ
PeCĤPµPjCÍ PSP°PSPsCÍPëC,Pë PSP° PICÍCĤ CÍCĤP°P¶PµPSCÍ PïPsPIPµCĤC...PSCĤ,
PIPeP»CĤC±P°CĤC±Pë P·PrPsCĤPsPICÍ CëPeC-CĤCÍ PSP° 1 CÍP°PSC,PëPjPµC,CĤ PIC-Pr
PeCĤP°CĤ PïCÍC...P»PëPSPë. PµCĤPµPj CÍP»C-Pr PIC,PëCĤP°C,Pë PI CÍCĤP°P¶PµPSCÍ
PrC-P»CĬPSPeCÍ PrPs PïPsPIPSPsPiPs PICÍPjPsPeC,CÍPIP°PSPSCĬ. PµCĤPµPj
PSPµPsP±C...C-PrPSPs PSP°PSPsCÍPëC,Pë PïPµCĤPµPr CÍPSPsPj, PIC-PS
PïPsPIPëPSPµPS P·P°P»PëCëP°C,PëCÍCĬ PSP° CëPeC-CĤC- PïCĤPsC,CĬPiPsPj 8
PiPsPrPëPS. Pj C†PµPNë C±P°CÍ CÍP»C-Pr CÍPSPëPeP°C,Pë PïCĤPëPNëPsPjCÍ PrCÍCëCÍ
P°P±Ps PIP°PSPSPë. PµC-CÍP»CĬ P·P°PeC-PSC±PµPSPSCĬ PIPeP°P·P°PSPsPiPs
C,PµCĤPjC-PSCÍ PeCĤPµPj PSPµPsP±C...C-PrPSPs P·PjPëC,Pë C,PµPïP»PsCĤ PIPsPrPsCĤ
P· PjPëP»PsPj.

PkPµ PjPsP¶PSP° PïPsPIC,PsCĤPSPs PIPëPePsCĤPëCÍC,PsPICÍPIP°C,Pë PeCĤPµPj C-P·
PIC-PrPeCĤPëC,PsPiPs CĤP°PSC-CëPµ CÍP°CëPµ. P”Ps C- PïC-CÍP»CĬ
PSP°PSPµCÍPµPSPSCĬ PeCĤPµPjCÍ PSPµPsP±C...C-PrPSPs PIPëPjPëC,Pë CĤCÍPePë
C,PµPïP»PsCĤ PIPsPrPsCĤ P· PjPëP»PsPj.

P PµP°PeC†C-CĤ PsP±CĤPsP±P»PµPSPsC— PïCÍC...P»PëPSPë PSP° PeCĤPµPj CÍP»C-Pr
PsC†C-PSPëC,Pë C±PµCĤPµP· 12 C,PëP¶PSC-PI PïC-CÍP»CĬ P·P°PeC-PSC±PµPSPSCĬ
P»C-PeCÍPIP°PSPSCĬ. PïPeC%oPs PsP±CĤPsP±P»PµPSP° PïCÍC...P»PëPSP° PSPµ PjP°C”
PrPsCÍC,P°C,PSCHPsC— CĤPµP°PeC†C-C—, PSPµPsP±C...C-PrPSPs
P·P°CÍC,PsCÍCÍPIP°C,Pë C-PSCëPµ P»C-PeCÍPIP°PSPSCĬ (PrPëPI. CĤPsP·PrC-P»

В«PhCfPsp±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»).

PİPeC%Ps PjC-CfC†PµPIP° CēPeC-CfPSP° CfPµP°PeC†C-Cf PSP° PeCfPµPj
CfPİCfPëC†PëPSCfC” PİPsCfPëP»PµPSPëPNë PrPëCfPePsPjC,,PsCfC, PİP°C†C-C”PSC,Cf
P°P±Ps CfPeC%Ps PIC-PrP±CfPIP°C”C,ChCfCf C-PSC,,C-PeCfPIP°PSPSCf
PsP±CfPsP±P»PµPSPSc— PİPsPIPµCfC...PSC-, PSPµPsP±C...C-PrPSPs
PİPµCfPµCfPIP°C,Pë P»C-PeCfPIP°PSPSCf PSP° PrPµPeC-P»ChPeP° PrPSC-PI (PrPëPI.
CfPsP·PrC-P» В«PhCfPsp±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»). P’
PsCfC,P°PSPSCHPsPjCf PIPëPİP°PrPeCf CfP»C-Pr PIP¶PëC,Pë C-PSCëPëC...
PIC-PrPİPsPIC-PrPSPëC... P·P°C...PsPrC-PI.

PhPeC,PëPSC-C†PSPëPNë PePµCfP°C,PsP· Cē PrPsCfPsCfP»PëC....

P»C-PeCfPIP°PSPSCf PİCfPëP·PSP°C†P°C” C- PePsPSC,CfPsP»ChC” P»C-PeP°Cf.
PµCfPµPj P· C-PjC-PePIC-PjPsPrPsPj PSPµPsP±C...C-PrPSPs PSP°PSPsCfPëC,Pë
C,CfPëC†C- PSP° C,PëP¶PrPµPSCf (PSP°PİCfPëPeP»P°Pr, Cf PİPsPSPµPrC-P»PsPe,
CfPµCfPµPrCf C- PİbT[™] CfC,PSPëC†Cf P°P±Ps Cf PIC-PIC,PsCfPsPe, C†PµC,PIPµCf C-
CfCfP±PsC,Cf) PİPµCfPµPr CfPSPsPj PİCfPsC,CfPİPsPj 4 C,PëP¶PSC-PI C-
P·P°P»PëCëP°C,Pë PSP° CēPeC-CfC- PİCfPsC,CfPİPsPj 8 PİPsPrPëPS.
P”PsCfC,P°C,PSCH PeC-P»ChPeC-CfC,Ch PeCfPµPjCf CfP»C-Pr PSP°PSPsCfPëC,Pë
PSP° PİCfCf CfCfP°P¶PµPSCf PİPsPIPµCfC...PSCf. P§PµCfPµP· 4 C,PëP¶PSC-
PİC-CfP»Cf PİCfPëPİPëPSPµPSPSCf P»C-PeCfPIP°PSPSCf CfP»C-Pr PsC†C-PSPëC,Pë
PSP°CfPIPSC-CfC,Ch P°PeC,PëPSC-C†PSPsPİPs PePµCfP°C,PsP·Cf. PİPeC%Ps
P·P°P»PëCëP°CfC,ChCfCf P±CfPrCh-CfPeC- PİCfPsCfPIPë, P»C-PeCfPIP°PSPSCf
PSPµPsP±C...C-PrPSPs PİCfPsPrPsPIP¶PëC,Pë C%Pµ PSP° 4 C,PëP¶PSC-.

PµP°PeCfPëPjP°P»ChPSP° CfPµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° bT” PsPrPSPµ
CfP°CëPµ.

PİPeC%Ps CfPİPsCfC,PµCfC-PİP°C”C,ChCfCf PjC-CfC†PµPIP° PİPsCfC,CfP°
CfPµP°PeC†C-Cf P·P°PİP°P»PµPSPSCf (PrPëPI. CfPsP·PrC-P»
В«PhCfPsp±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB») P°P±Ps CfPeC%Ps
PIC-PrP±CfPIP°C”C,ChCfCf C-PSC,,C-PeCfPIP°PSPSCf PsP±CfPsP±P»PµPSPSc—
PİPsPIPµCfC...PSC-, P»C-PeCfPIP°PSPSCf CfP»C-Pr PİCfPëPİPëPSPëC,Pë. P’
PsCfC,P°PSPSCHPsPjCf PIPëPİP°PrPeCf CfP»C-Pr PIP¶PëC,Pë PIC-PrPİPsPIC-PrPSPëC...
P·P°C...PsPrC-PI. PµPsP¶PSPëPNë PİPµCfC-PsPr P»C-PeCfPIP°PSPSCf PSPµ
PİPsPIPëPSPµPS PİPµCfPµPIPëC%CfPIP°C,Pë 4 C,PëP¶PSC-PI C†PµCfPµP·
PİCfPsPİCfCfPePë PrPsP· P°P±Ps PIC-PrPİPsC†PëPSPsPe.

PİPeC%Ps PİC-Pr C†P°Cf PİPsPrP°P»ChCëPsPİPs PsP±CfC,PµP¶PµPSPSCf
PİCfPëP±P»PëP·PSPs C†PµCfPµP· 8 C,PëP¶PSC-PI PİC-CfP»Cf PsCfC,P°PSPSCHPsPİPs
4-C,PëP¶PSPµPIPsPİPs PeCfCfCf P»C-PeCfPIP°PSPSCf PSPµ
PIPëCfPIP»CfC”C,ChCfCf PİPsPIPsPİPs PsC†PëC%PµPSPSCf
PsP±CfPsP±P»PµPSPSc— PrC-P»CfPSPëPë, PjPsP¶PSP° CfPsP·PİP»CfPSCfC,Pë
PrPsC†C-P»ChPSC-CfC,Ch PrPsPrP°C,PePsPIPsPİPs 4-C,PëP¶PSPµPIPsPİPs
PeCfCfCf P»C-PeCfPIP°PSPSCf PİCfPµPİP°CfP°C,PsPj PµPµCfP°PIPsCfC,.

PİPeC%Ps CfCfP°P¶PµPSPSCf PSPµ PjP°ChC,Ch PrPsCfC,P°C,PSCHPsC—

$P'PsPiPSP\ddot{C}\%P^{\circ}C\acute{r}C\grave{H}P^{\circ}P\Pi P_{\mu}PSPSC\Pi P^{\circ}PeC,P\ddot{e}PSC-C\ddagger PSP\ddot{e}P_jPeP_{\mu}C\grave{H}P^{\circ}C,PsP\cdot PsP_j,$
 $C\Pi PeC-PsC\ddagger P\ddot{e}C\acute{r}C,P\ddot{e}P\rangle P\ddot{e}C\acute{r}C\Pi P\ddot{r}C-C\acute{r}P\rangle C\Pi PsPrPSPsPiPsP^{\circ}P\pm PsPrPIPsC...$
 $PeC\acute{r}C\grave{H}C\acute{r}C-PI P\rangle C-PeC\acute{r}PIP^{\circ}PSPSC\Pi C,P^{\circ}P\cdot PiPsPrPsP_jP\cdot PSPsPIC\acute{r}$
 $P\cdot B\grave{T}^{\text{TM}}C\Pi PIP\ddot{e}P\rangle P\ddot{e}C\acute{r}C\Pi,P_jPsP\Pi PSP^{\circ}PiPsPIC,PsC\grave{H}PSPsPsP\pm C\grave{H}PsP\pm P\ddot{e}C,P\ddot{e}$
 $PeC\grave{H}P_{\mu}P_jPsP_jP_{\text{л}}P_{\mu}C\grave{H}P^{\circ}PIPsC\grave{H}C,P\ddot{r}C\grave{H}PsC,C\Pi PiPsP_jPsPrPSPsPiPsP^{\circ}P\pm PsPrPIPsC...$
 $PrPsPrP^{\circ}C,PePsPIP\ddot{e}C...PeC\acute{r}C\grave{H}C\acute{r}C-PI P\ddot{r}C-C\acute{r}P\rangle C\Pi P\ddot{r}P_{\mu}C\grave{H}P_{\mu}C\grave{H}PIP\ddot{e}C\acute{r}$
 $P\rangle C-PeC\acute{r}PIP^{\circ}PSPSC-PSP_{\mu}P_jP_{\mu}PSC\epsilon P_{\mu}12C,P\ddot{e}P\Pi PSC-PI(PrP\ddot{e}PI.C\grave{H}PsP\cdot PrC-P\rangle$
 $B\langle P\alpha P^{\circ}C\grave{H}P_jP^{\circ}PePsPrP\ddot{e}PSP^{\circ}P_jC-PeP^{\circ}B\rangle).$

PkPμ PjPsP¶PSP° PīPsPIC,PsCḡPSPs PIPëPePsCḡPëCíC,PsPICrPIP°C,Pë PeCḡPμPj C-P·
PIC-PrPeCḡPëC,PsPiPs CḡP°PSC-CëPμ CíP°CëPμ. P"Ps C- PīC-CíP»C¶
PSP°PSPμCíPμPSPSC¶ PeCḡPμPjCí PSPμPsP±C...C-PrPSPs PIPëPjPëC,Pë CḡCíPePë
C,PμPīP»PsCḡ PIPsPrPsCḡ P· PjPëP»PsPj.

PĪPeC%₀Ps PrPsP·P° PĭCĤPsPĭCřC%₀PμPSP°, PĭP°C†C-C"PS C, PĭPsPIPĕPSPμPS
PSP°PSPμCĤC,Pĕ PeCĤPμPj, CĹPe C,C-P»CHbPePĕ PIC-PS P·PiP°PrP°C" PĭCĤPs C†Pμ, P°
PĭPsC,C-Pj PSPμPsP±C...C-PrPSPs PĭCĤPsPrPsPIP¶PĕC,Pĕ P»C-PeCřPIP°PSPSCĹ P·P°
P·PIPĕC†P°PN₀PSPĕPj PiCĤP°C,,C-PePsPj. PhPrPSP°Pe ĆĤP»C-Pr PĭP°PjbĤ™ CĹC,P°C,Pĕ
PĭCĤPs C,Pμ, C%₀Ps PeCĤPμPj PjPsP¶PSP° PSP°PSPsĆĤPĕC,Pĕ PSPμ P±C-P»CHbCĕPμ
PsPrPSPsPiPs CĤP°P·Cř PSP° PrPsP±Cř.

$P-P^{\circ}Cl^{\circ}C, PsCl^{\circ}C^{\circ}rPIP^{\circ}PSPSCl \ddot{P}iP_{\mu}PrC-P^{\circ}C, C\eta P\ddot{e}C\ddagger PSP\ddot{e}Pj \ddot{P}iP^{\circ}C\ddagger C-C''PSC, P^{\circ}Pj PSP_{\mu}$
 $C\eta P_{\mu}PePsPjP_{\mu}PSPrPsPIP^{\circ}PSPs. P\acute{K}P_{\mu}PjP^{\circ}C'' PrP^{\circ}PSP\ddot{e}C... C\%PsPrPs$
 $P\cdot P^{\circ}Cl^{\circ}C, PsCl^{\circ}C^{\circ}rPIP^{\circ}PSPSCl C-PjC-PePIC-PjPsPrC^{\circ} PrC-C, ClPj C- \ddot{P}iC-PrP\gg C-C, PeP^{\circ}Pj$
 $P\cdot P^{\circ} P\cdot P^{\circ}C, PIP_{\mu}C\eta PrP_{\mu}P_{\mu}PSP\ddot{e}PjP\ddot{e} \ddot{P}iPsPeP^{\circ}P\cdot P^{\circ}PSPSClPjP\ddot{e}.$

$$\begin{aligned} & \text{P}_{\text{II}}\text{PsP}\pm\text{C}-\text{C}\ddagger\text{PSC}-\text{C}\ddagger\text{P}_{\text{II}}\text{P}^{\circ}\text{PeC}\ddagger\text{C}-\text{C}-, \text{P}\ddot{\text{C}}\ddagger\text{P}_{\text{II}}\text{Ps} \text{ C}\ddagger\text{IPeC}-\text{P}\ddot{\text{C}}\text{PsPIC}-\text{PrPsPjP}\gg\text{C}\ddagger\text{IP}\gg\text{PsC}\ddagger\text{C}\ddagger \text{PI} \\ & \text{P}\ddot{\text{C}}\text{P}\gg\text{P}^{\circ}\text{C}\ddagger\text{P}_{\text{II}}\text{P}\pm\text{Ps}-\text{PePsPSC}, \text{C}\ddagger\text{P}_{\text{II}}\text{PsP}\gg\text{C}\ddagger\text{HPsPIP}^{\circ}\text{PSP}\ddot{\text{C}}\text{C}\dots \text{C}, \text{P}^{\circ} \text{PIC}-\text{PrPeC}\ddagger\text{P}\ddot{\text{C}}\text{C}, \text{P}\ddot{\text{C}}\text{C}\dots \\ & \text{PeP}\gg\text{C}-\text{PSC}-\text{C}\ddagger\text{PSP}\ddot{\text{C}}\text{C}\dots \text{PrPsC}\ddagger\text{P}\gg\text{C}-\text{PrP}\ddagger\text{P}_{\text{II}}\text{PSPSC}\ddagger\text{C}\dots \text{P}\cdot\text{P}^{\circ} \text{CrC}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C}, \text{C}\ddagger 2292 \end{aligned}$$

PiP°C†C-C" PSC, C-PI, CΠPeC- PsC, CΠPēPjC†PIP°P»Pē PeCΠPμPj PSP° PsC†PSPsPIC- C-PjC-PePIC-PjPsPrC†, PiCΠPμPrC†C, P°PIP»PμPSPs PrP°P»C-. P'PIP°P¶P°C"C, CHC†CΠ, C%Ps C†C- PiPsP±C-C†PSC- CΠPμP°PeC†C-C— CΠPe PjC-PSC-PjC†Pj PjP°CΠC, CH PjPsP¶P»PēPIPēPNē PiCΠPēC†PēPSPSPs-PSP°C†P»C-PrPePsPIPēPNē P·PiB¶™ CΠP·PsPe P· P»C-PeC†PIP°PSPSCΠPj C-PjC-PePIC-PjPsPrPsPj.

PμPsPIPμCΠC...PSPμPIP° P±P°P·P°P»C-PsPjP°

Pj PrPsC†P»C-PrP¶PμPSPSCΠC... P·P°C†C, PsC†C†PIP°PSPSCΠ PiCΠPμPiP°CΠP°C, C† 5 CΠP°P·C-PI PSP° C, PēP¶PrPμPSCH C† 58 % PiP°C†C-C" PSC, C-PI C†PiPsC†C, PμCΠC-PiP°P»P°C†CΠ C%PsPSP°PNēPjPμPSC€Pμ PsPrPSP° PiPsP±C-C†PSP° CΠPμP°PeC†C-CΠ. PkP°PNēC†P°C†C, C-C€PēPjPē PiPsP±C-C†PSPēPjPē CΠPμP°PeC†C-CΠPjPē, P·P°CΠPμC" C†C, CΠPsPIP°PSPēPjPē Pi C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsC†P»C-PrP¶PμPSCH, CΠPeC- PNēPjPsPIC-CΠPSPs P°P±Ps PjPsP¶P»PēPIPs PiPsPiB¶™ CΠP·P°PSC- P· P»C-PeC†PIP°PSPSCΠPj PeCΠPμPjPsPj PSP° PsC†PSPsPIC- C-PjC-PePIC-PjPsPrC†, P±C†P»Pē CΠPμP°PeC†C-C— Pi PjC-C†C†C- PSP°PSPμC†PμPSPSCΠ PeCΠPμPjC† P· C†P°C†C, PsC, PsCΠ 28,1 %. PμP°C†C-C" PSC, Pē, CΠPeC- P·P°C†C, PsC†PsPIC†PIP°P»Pē PeCΠPμPj PSP° PsC†PSPsPIC- C-PjC-PePIC-PjPsPrC†, PiPsPIC-PrPsPjP»CΠP»Pē PiCΠPs PrPμCΠPeC- C†PēC†C, PμPjPSC- PiPsP±C-C†PSC- CΠPμP°PeC†C-C—, PIPeP»CΠC†P°CΠC†Pē P±C-P»CΠ C† C†PiPēPSC- (1,1 %) C, P° PiCΠPēPiPsPiPsPrC-P±PSC- C†PēPjPiC, PsPjPē (0,5 %).

PμPsP±C-C†PSC- CΠPμP°PeC†C-C—, P·P°CΠPμC" C†C, CΠPsPIP°PSC- Pi PiP»P°C†PμP±Ps- PePsPSC, CΠPsP»CHPsPIP°PSPsPjC† PeP»C-PSC-C†PSPsPjC† PrPsC†P»C-PrP¶PμPSC- III C,, P°P·Pē C%PsPrPs PiPsPIPμCΠC...PSPμPIPsC— P±P°P·P°P»C-PsPjPē, Pi CΠPePsPjC† P±CΠP°P»Pē C†C†P°C†C, CH 185 PiP°C†C-C" PSC, C-PI, C%Ps P·P°C†C, PsC†PsPIC†PIP°P»Pē PeCΠPμPj PSP° PsC†PSPsPIC- C-PjC-PePIC-PjPsPrC†, PiCΠPμPrC†C, P°PIP»PμPSPs PSPēP¶C†Pμ. P'PIP°P¶P°C"C, CHC†CΠ, C%Ps C†C- PiPsP±C-C†PSC- CΠPμP°PeC†C-C— CΠPe PjC-PSC-PjC†Pj PjP°CΠC, CH PjPsP¶P»PēPIPēPNē PiCΠPēC†PēPSPSPs-PSP°C†P»C-PrPePsPIPēPNē P·PiB¶™ CΠP·PsPe P· P»C-PeC†PIP°PSPSCΠPj C-PjC-PePIC-PjPsPrPsPj.

PηPeC, PēPSC-C†PSPēPNē PePμCΠP°C, PsP·

P' PsC†PSPsPIPsPēC... PrPsC†P»C-PrP¶PμPSPSCΠC... P·P°C†C, PsC†C†PIP°PSPSCΠ PiCΠPμPiP°CΠP°C, C† 3 CΠP°P·Pē PSP° C, PēP¶PrPμPSCH PiCΠPsC, CΠPiPsPj 2 PeC†CΠC†C-PI PiPs 4 C, PēP¶PSC- PePsP¶PSPēPNē 56 % PiP°C†C-C" PSC, C-PI, C%Ps P·P°C†C, PsC†PsPIC†PIP°P»Pē C-PjC-PePIC-PjPsPr, PiPsPIC-PrPsPjPēP»Pē PiCΠPs C%PsPSP°PNēPjPμPSC€Pμ PsPrPSC† PiPsP±C-C†PSC† CΠPμP°PeC†C-CΠ. PkP°PNēC†P°C†C, C-C€PēPjPē PiPsP±C-C†PSPēPjPē CΠPμP°PeC†C-CΠPjPē, P·P°CΠPμC" C†C, CΠPsPIP°PSPēPjPē Pi C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsC†P»C-PrP¶PμPSCH, CΠPeC- PNēPjPsPIC-CΠPSPs P°P±Ps PjPsP¶P»PēPIPs PiPsPiB¶™ CΠP·P°PSC- P· P»C-PeC†PIP°PSPSCΠPj PeCΠPμPjPsPj PSP° PsC†PSPsPIC- C-PjC-PePIC-PjPsPrC†, P±C†P»Pē CΠPμP°PeC†C-C— Pi PjC-C†C†C- P·P°C†C, PsC†C†PIP°PSPSCΠ (22 % PiP°C†C-C" PSC, C-PI, CΠPeC- PsC, CΠPēPjC†PIP°P»Pē P»C-PeC†PIP°PSPSCΠ C-PjC-PePIC-PjPsPrPsPj). PμP°C†C-C" PSC, Pē, CΠPeC- PsC, CΠPēPjC†PIP°P»Pē P»C-PeC†PIP°PSPSCΠ, PiPsPIC-PrPsPjP»CΠP»Pē PiCΠPs PrPμCΠPeC- C†PēC†C, PμPjPSC- PiPsP±C-C†PSC- CΠPμP°PeC†C-C—, PIPeP»CΠC†P°CΠC†Pē PjC-P°P»PiC-CΠ (2 %).

PμPsP±C-C†PSC- CΠPμP°PeC†C-C—, P·P°CΠPμC" C†C, CΠPsPIP°PSC- Pi PiP»P°C†PμP±Ps- PePsPSC, CΠPsP»CHPsPIP°PSPsPjC† PeP»C-PSC-C†PSPsPjC† PrPsC†P»C-PrP¶PμPSPSC- C,, P°P·Pē P†P†P† C%PsPrPs P°PeC, PēPSC-C†PSPsPiPs PePμCΠP°C, PsP·C† P·P° C†C†P°C†C, CH 252 PiP°C†C-C" PSC, C-PI, CΠPeC- P·P°C†C, PsC†PsPIC†PIP°P»Pē PeCΠPμPj PSP° PsC†PSPsPIC- C-PjC-PePIC-PjPsPrC†, PiCΠPμPrC†C, P°PIP»PμPSPs PSPēP¶C†Pμ. P'PIP°P¶P°C"C, CHC†CΠ,

C%Ps C†C- PīPsP±C-C†PSC- CḡPμP°PeC†C-C— C%PsPSP°PNḡPjPμPSC€Pμ PjP°CḡC,CH PjPsP¶P»PēPIPēPNḡ PīCḡPēC†PēPSPSPs-PSP°C†P»C-PrPePsPIPēPNḡ P·PIBḡ™ C‡P·PsPe P· P»C-PeC†PIP°PSPSC‡Pj C-PjC-PePIC-PjPsPrPsPj.

PμPsP±C-C†PSC- CḡPμP°PeC†C-C— P·P° C†P°C†C,PsC,PsCḡ PIPēP·PSP°C†P°CḡC,CH C‡Pe: PrC†P¶Pμ PīPsC€PēCḡPμPSC- (≥1/10), PīPsC€PēCḡPμPSC- (PIC-Pr ≥1/100 PrPs <1/10) C- PSPμPīPsC€PēCḡPμPSC- (PIC-Pr ≥1/1000 PrPs <1/100).

P—PsPIPSC-C€PSC- PiPμPSC-C,P°P»CHPSC- PePsPSPPrPēP»PsPjPē. PμCḡPē P·P°C†C,PsC†C†PIP°PSPSC- PeCḡPμPjC† 3 CḡP°P·Pē PSP° C,PēP¶PrPμPSCḡ PSP°PNḡC†P°C†C,C-C€PēPjPē PSPμP±P°P¶P°PSPēPjPē CḡPμP°PeC†C-C‡PjPē P±C†P»Pē CḡPμP°PeC†C-C— PSP° PrC-P»C‡PSC†C- PSP°PSPμC†PμPSPSC‡ PeCḡPμPjC†, P° C†P°PjPμ Bḡ“ PμCḡPēC,PμPjP°, PμCḡPsP·C-C‡, P»C†C%PμPSPSC‡ C- PSP°P±CḡC‡Pe. PḡP°PePsP¶ C†PīPsC†C,PμCḡC-PiP°P»PēC†C‡ PrPμC‡PeC- C†PēC†C,PμPjPSC- PSPμP±P°P¶P°PSC- CḡPμP°PeC†C-C—, P·PsPeCḡPμPjP° PīPsP»PsPIPSPēPNḡ P±C-P»CH, PiCḡPēPīPsPīPsPrC-P±PSC- C†PēPjPiC,PsPjPē C- P±C-P»CH C† PjBḡ™ C‡P·P°C....

P·C-PrC†C,CḡPsC†PμPSC- C€PeC-CḡPSC- CḡPμP°PeC†C-C—, PīPsP»PsPIPSPēPj C†PēPSPsPj PμCḡPēC,PμPjP°, C†PīPsC†C,PμCḡC-PiP°P»PēC†C‡ C- PSP° PSPμC†CḡP°P¶PμPSPēC... PrC-P»C‡PSPeP°C..., C‡PeC- PjPsPiP»Pē PePsPSC,P°PeC,C†PIP°C,Pē P· PeCḡPμPjPsPj C-PjC-PePIC-PjPsPrPsPj. P·C-P»CHC€P° C†P°C†C,PēPSP° C†PēC... CḡPμP°PeC†C-PNḡ P·PSPēPeP°P»P° PīCḡPsC,C‡PiPsPj 2 C,PēP¶PSC-PI PīC-C†P»C‡ P·P°PeC-PSC†PμPSPSC‡ P»C-PeC†PIP°PSPSC‡. PhPrPSP°Pe C† PrPμC‡PePēC... PIPēPiP°PrPeP°C... C†C- CḡPμP°PeC†C-C— P±C†P»Pē C,C‡P¶PePēPjPē C- C†C,P°PIP°P»Pē PīCḡPēC†PēPSPsCḡ PrPēP·C†CḡC-C— C† P¶C-PSPsPe.

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—.

PμPsC€PēCḡPμPSC-: C†C...PēP»CHPSC-C†C,CH PrPs P±P°PeC,PμCḡC-P°P»CHPSPēC... C-PSC,,PμPeC†C-PNḡ.

PḡPμPīPsC€PēCḡPμPSC-: PīCḡPsC†C,PēPNḡ PiPμCḡPiPμC†, PiPμPSC-C,P°P»CHPSPēPNḡ PeP°PSPPrPēPrPsP·, PIP°PiC-PSC-C,, P±P°PeC,PμCḡC-P°P»CHPSP° C-PSC,,PμPeC†C-C‡, PjC-PePsP·, C-PSC,,PμPeC†C-C— PIPμCḡC...PSC-C... PrPēC...P°P»CHPSPēC... C€P»C‡C...C-PI, PIC†P»CHPIC-C,,.

P— P±PsPeCž PeCḡPsPIC- C,P°B P»C-PjC,,P°C,PēC†PSPsC— C†PēC†C,PμPjPē. PḡPμPīPsC€PēCḡPμPSC-: P»C-PjC,,P°PrPμPSPsPīP°C,C-C‡.

P— P±PsPeCž PsP±PjC-PSCž CḡPμC†PsPIPēPS. PḡPμPīPsC€PēCḡPμPSC-: P°PSPsCḡPμPeC†C-C‡.

P— P±PsPeCž PīC†PēC...C-PePē. PḡPμPīPsC€PēCḡPμPSC-: P±PμP·C†PsPSPSC‡, PrPμPīCḡPμC†C-C‡.

P— P±PsPeCž PSPμCḡPIPsPIPsC— C†PēC†C,PμPjPē. PμPsC€PēCḡPμPSC-: PīPsP»PsPIPSPēPNḡ P±C-P»CH.

PḡPμPīPsC€PēCḡPμPSC-: PīP°CḡPμC†C,PμP·C-C—, P·P°PīP°PjPsCḡPsC†PμPSPSC‡, PiPμPjC-PeCḡP°PSC-C‡, C†PsPSP»PēPIC-C†C,CH.

P— P±PsPeCž PsCḡPiP°PSC-PI C†P»CžC...Cž C,P° CḡC-PIPsPSPiP°PiPē. PḡPμPīPsC€PēCḡPμPSC-:

C€CfPj Cí PICfC...P°C....

P— P±PsPeCž CÍCžPrPëPS. PkPµPîPsC€PëCĤPµPSC-: PiC-PîPµCĤPµPjC-CĬ.

P— P±PsPeCž CĤPµCÍPîC-CĤP°C,PsCĤPSPsC— CÍPëCÍC,PµPjPë. PkPµPîPsC€PëCĤPµPSC-: C,,P°CĤPëPSPiC-C,, CĤPëPSC-C,.

P— P±PsPeCž C,CĤP°PIPPsC— CÍPëCÍC,PµPjPë. PµPsC€PëCĤPµPSC-: PSCfPrPsC,P°.

PkPµPîPsC€PëCĤPµPSC-: P±P»CĤPIP°PSPSCĬ, P±C-P»CH Cí P¶PëPIPsC,C-, PrC-P°CĤPµCĬ, P±PsP»C-CÍPSC- PîPsP·PëPIPë PrPs PrPµC,,PµPeP°C†C-C—, PîPsCĤCfC€PµPSPSCĬ Cí PrC-P»CĬPSC†C- PîCĤCĬPjPsC— PePëC€PePë.

P— P±PsPeCž C€PeC-CĤPë C,P° PiC-PrC€PeC-CĤPSPsC— PeP»C-C,PePsPIPëPSPë.

PkPµPîPsC€PëCĤPµPSC-: CÍPIPµCĤP±C-P¶, PrPµCĤPjP°C,PëC,, C,,PsP»C-PeCfP»C-C,, PµCĤPëC,PµPjP°C,PsP·PSPµ PIPëCÍPëPîP°PSPSCĬ, PµPeP·PµPjP°, PîPsCÍPëP»PµPSP° PîC-C,P»PëPIC-CÍC,CH, PeCĤPsPîPëPIBĤ™ CĬPSPeP°.

P— P±PsPeCž PjēĤ™ CĬP·PsPIPsC— C,P° CÍPîPsP»CžC‡PSPsC— C,PeP°PSPëPSPë.

PµPsC€PëCĤPµPSC-: P±C-P»CH Cí PjBĤ™ CĬP·P°C....

PkPµPîPsC€PëCĤPµPSC-: P±C-P»CH Cí CÍCfPiP»PsP±P°C..., CÍPîPëPSC-.

P— P±PsPeCž PSPëCĤPsPe C,P° CÍPµC‡PsPIPëPrC-P»CHPSPsC— CÍPëCÍC,PµPjPë. PkPµPîPsC€PëCĤPµPSC-: PrPëP·CfCĤC-CĬ.

P— P±PsPeCž CÍC,P°C,PµPIPsC— CÍPëCÍC,PµPjPë.

PkPµPîPsC€PëCĤPµPSC-: P±C-P»CH Cí PrC-P»CĬPSC†C- CÍC,P°C,PµPIPëC... PsCĤPiP°PSC-PI Cí C‡PsP»PsPIC-PeC-PI, PîPµPSC-P»CHPSC- PîPsCĤCfC€PµPSPSCĬ, PrPëCÍPîP°CĤPµCfPSC-CĬ, PµCĤPµPeC,PëP»CHPSP° PrPëCÍC,,CfPSPeC†C-CĬ, PIPëPîP°PrC-PSPSCĬ PjP°C,PePë C,P° PiC-C...PIPë, PIP°PiC-PSP°P»CHPSPëPN P±C-P»CH, P°C,CĤPsC,,C-C‡PSPëPN PIP°PiC-PSC-C,, PîPsCĤCfC€PµPSPSCĬ Cí PrC-P»CĬPSC†C- PICfP»CHPIPë.

P— P°PiP°P»CHPSC- CĤPµP°PeC†C-C—. P”CfP¶Pµ PîPsC€PëCĤPµPSC-: CÍPIPµCĤP±C-P¶ C- P±C-P»CH Cí PrC-P»CĬPSC†C- PSP°PSPµCÍPµPSPSCĬ.

PµPsC€PëCĤPµPSC-: PîPµC‡C-PSPSCĬ C- PîPsPrCĤP°P·PSPµPSPSCĬ Cí PrC-P»CĬPSC†C- PSP°PSPµCÍPµPSPSCĬ, PIC,PsPjP»PµPSC-CÍC,CH.

PkPµPîPsC€PëCĤPµPSC-: PiC-PîPµCĤC,PµCĤPjC-CĬ, PiCĤPëPîPsPîPsPrC-P±PSC- CÍPëPjPiC,PsPjPë, P±C-P»CH, P°CÍC,PµPSC-CĬ, PIC-PrC‡CfC,C,CĬ PrPëCÍPePsPjC,,PsCĤC,Cf, PsP·PSPsP±.

PµPsPIPµCĤC...PSPµPIC- P±P°P·P°P»C-PsPjPë. PµCĤPë P·P°CÍC,PsCÍCfPIP°PSPSC- PeCĤPµPjCf 5 CĤP°P·C-PI PSP° C,PëP¶PrPµPSCĤ P±CfP»Pë CĤPµP°PeC†C-C— PSP° PjC-CÍC†C- PSP°PSPµCÍPµPSPSCĬ PeCĤPµPjCf, P° CÍP°PjPµ: PµCĤPëC,PµPjP°, PµCĤPsP·C-CĬ, C,CĬP¶PeP° C,,PsCĤPjP° CfC,PIPsCĤPµPSPSCĬ CÍC,CĤCfPîC-PI C,P° P»CfC‰PµPSPSCĬ. PÿP°PePsP¶ Cí PîP°C†C-C”PSC,C-PI CÍPîPsCÍC,PµCĤC-PiP°P»PëCÍCĬ PrPµCĬPeC- CÍPëCÍC,PµPjPSC- PSPµP±P°P¶P°PSC- CĤPµP°PeC†C-C—, PI C,PsPjCf C‡PëCÍP»C- P±C-P»CH Cí CÍPîPëPSC- C-

PiCḥPëPīPsPīPsPrC-P±PSC- CÍPëPjPīC,PsPjPë.

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—.

PμPsC€PëCḥPμPSC-: CÍC...PëP»CHBPSC-CÍC,CH PrPs P±P°PeC,PμCḥC-P°P»CHBPSPëC...
C-PSC,,PμPeC†C-PNë, P°PePSPμ.

P— P±PsPeCž P»C-PjC,,P°C,PëC†PSPsC— CÍPëCÍC,PμPjPë.

PμPsC€PëCḥPμPSC-: P»C-PjC,,P°PrPμPSPsPīP°C,C-CÍ.

P— P±PsPeCž PiCÍPëC...C-PePë. PkPμPīPsC€PëCḥPμPSC-: PrCḥP°C,C-PIP»PëPIC-CÍC,CH.

P— P±PsPeCž C,CḥP°PIPSsC— CÍPëCÍC,PμPjPë. PkPμPīPsC€PëCḥPμPSC-: PSCÍPrPsC,P°,
CÍCÍC...C-CÍC,CH CÍ CḥPsC,C-.

P— P±PsPeCž C€PeC-CḥPë C,P° PiC-PrC€PeC-CḥPSPsC— PeP»C-C,PePsPIPëPSPë.
PkPμPīPsC€PëCḥPμPSC-: PrPμCḥPjP°C,PëC,.

P— P±PsPeCž Pjêḥ™CÍP·PsPIPsC— C,P° CÍPīPsP»CžC†PSPsC— C,PeP°PSPëPSPë.
PμPsC€PëCḥPμPSC-: P±C-P»CH CÍ CÍPīPëPSC-.

P— P°PiP°P»CHBPSC- CḥPμP°PeC†C-C—. P"CrP¶Pμ PīPsC€PëCḥPμPSC-: CÍPIPμCḥP±C-P¶ CÍ
PrC-P»CÍPSC†C- PSP°PSPμCÍPμPSPSCÍ.

PμPsC€PëCḥPμPSC-: PīPμC†C-PSPSCÍ, PīPsPrCḥP°P·PSPμPSPSCÍ C- P±C-P»CH CÍ
PrC-P»CÍPSC†C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍ, PμCḥPëC,PμPjP°,
PeCḥPsPIPsC,PsC†PëPIC-CÍC,CH PrC-P»CÍPSPePë PSP°PSPμCÍPμPSPSCÍ,
CÍC,PIPsCḥPμPSPSCÍ PīP°PīCÍP» PSP° PrC-P»CÍPSC†C- PSP°PSPμCÍPμPSPSCÍ,
PīP°CḥPμCÍC,PμP·C-CÍ PrC-P»CÍPSPePë PSP°PSPμCÍPμPSPSCÍ, PIPëCÍPëPīP°PSPSCÍ PSP°
PrC-P»CÍPSC†C- PSP°PSPμCÍPμPSPSCÍ.

PkPμPīPsC€PëCḥPμPSC-: PiCḥPëPīPsPīPsPrC-P±PSC- CÍPëPjPīC,PsPjPë, PIPëPrC-P»PμPSPSCÍ
PSP° PrC-P»CÍPSC†C- PSP°PSPμCÍPμPSPSCÍ, P·P°PīP°P»PμPSPSCÍ, PsPīCÍC...P°PSPSCÍ C,P°
PSP°P±CḥCÍPe PSP° PrC-P»CÍPSC†C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍ, CÍC,PIPsCḥPμPSPSCÍ
CÍC,CḥCÍPīC-PI, PSP°P±CḥCÍPePë, CḥCÍPNëPSCÍPIP°PSPSCÍ PrC-P»CÍPSPePë
PSP°PSPμCÍPμPSPSCÍ, CÍC,PIPsCḥPμPSPSCÍ PīCÍC...PëCḥC†C-PI,
P·P°PiP°P»CHPjPsPIP°PSC-CÍC,CH.

PḥPeC,PëPSC-C†PSPëPNë PePμCḥP°C,PsP·.

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—.

PkPμPīPsC€PëCḥPμPSC-: CÍC...PëP»CHBPSC-CÍC,CH PrPs P±P°PeC,PμCḥC-P°P»CHBPSPëC...
C-PSC,,PμPeC†C-PNë, P°PePSPμ, PiCḥPëPī, CḥPëPSC-C,.

P— P±PsPeCž PeCḥPsPIC- C,P° P»C-PjC,,P°C,PëC†PSPsC— CÍPëCÍC,PμPjPë.
PkPμPīPsC€PëCḥPμPSC-: P»C-PjC,,P°PrPμPSPsPīP°C,C-CÍ.

P— P±PsPeCž PsP±PjC-PSCž CḥPμC†PsPIPëPS. PμPsC€PëCḥPμPSC-: P°PSPsCḥPμPeCÍC-CÍ.

P— P±PsPeCž PiCÍPëC...C-PePë. PkPμPīPsC€PëCḥPμPSC-: PrPμPīCḥPμCÍC-CÍ.

$P - P \pm PsPeC \acute{z} PSP_{\mu}C\bar{H}PIPsPISC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$. $P_{\mu}PsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : PiPsP \gg PsPIPSP\ddot{e}PN_{\circ}$
 $P \pm C - P \gg CH_{\bar{H}}$.

$P - P \pm PsPeC \acute{z} PsC\bar{H}PiP^{\circ}PSC - PI P \cdot PsC\bar{H}C \acute{z}$. $P\acute{K}P_{\mu}PiPsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : PSP^{\circ}P \pm C\bar{H}C\bar{I}PeP\ddot{e}$
 $PiPsPIC - Pe, P \cdot P^{\circ}PiP^{\circ}P \gg P_{\mu}PSPSC\bar{I} PePsPSB\bar{H}^{\text{TM}} C\bar{H}PSPeC, P\ddot{e}PIP\ddot{e}$.

$P - P \pm PsPeC \acute{z} C\bar{H}P_{\mu}C\acute{I}PiC - C\bar{H}P^{\circ}C, PsC\bar{H}PSPsC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$. $P\acute{K}P_{\mu}PiPsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - :$
 $P \pm C - P \gg CH_{\bar{H}}$ $C\acute{r} PiPsC\bar{H}P \gg C - , P \cdot P^{\circ}PeP \gg P^{\circ}PrP_{\mu}PSC - C\acute{I}C, CH_{\bar{H}} PSPsC\acute{I}P^{\circ}$.

$P - P \pm PsPeC \acute{z} C, C\bar{H}P^{\circ}PIPsPsC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$. $P_{\mu}PsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : PSC\acute{r}PrPsC, P^{\circ}$.

$P\acute{K}P_{\mu}PiPsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : PrC - P^{\circ}C\bar{H}P_{\mu}C\bar{I}$.

$P - P \pm PsPeC \acute{z} C\epsilon PeC - C\bar{H}P\ddot{e} C, P^{\circ} PiC - PrC\epsilon PeC - C\bar{H}PSPsC - PeP \gg C - C, PePsPIP\ddot{e}PSP\ddot{e}$.

$P\acute{K}P_{\mu}PiPsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : P_{\mu}C\bar{H}P\ddot{e}C, P_{\mu}PjP^{\circ}, P^{\circ}PeC, P\ddot{e}PSC - C \ddagger PSP\ddot{e}PN_{\circ} PeP_{\mu}C\bar{H}P^{\circ}C, PsP \cdot,$
 $PSP^{\circ}P \pm C\bar{H}C\bar{I}PeP\ddot{e} PsP \pm P \gg P\ddot{e}C \ddagger C \ddagger C\bar{I}, PIP\ddot{e}C\bar{H}P^{\circ}P \cdot PeP\ddot{e} PSP^{\circ} C\epsilon PeC - C\bar{H}C -$.

$P - P \pm PsPeC \acute{z} Pj\bar{e}\bar{H}^{\text{TM}} C\bar{I}P \cdot PsPISC - C, P^{\circ} C\acute{I}PiPsP \gg C \acute{z} C \ddagger PSPsC - C, PeP^{\circ}PSP\ddot{e}PSP\ddot{e}$.
 $P_{\mu}PsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : P \pm C - P \gg CH_{\bar{H}}$ $C\acute{r} PjB\bar{H}^{\text{TM}} C\bar{I}P \cdot P^{\circ}C \dots, C\acute{I}C\acute{r}PiP \gg PsP \pm P^{\circ}C \dots$

$P\acute{K}P_{\mu}PiPsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : P \pm C - P \gg CH_{\bar{H}}$ $C\acute{r} PeC - PSC \ddagger C - PIPeP^{\circ}C \dots$

$P - P^{\circ}PiP^{\circ}P \gg CH_{\bar{H}}PSC - C\bar{H}P_{\mu}P^{\circ}PeC \ddagger C - C -$. $P^{\circ}C\acute{r}P\bar{I}P_{\mu} PiPsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : C\acute{I}PIP_{\mu}C\bar{H}P \pm C - P\bar{I}$
 $PrC - P \gg C\bar{I}PSPeP\ddot{e} PSP^{\circ}PSP_{\mu}C\acute{I}P_{\mu}PSPSC\bar{I}$.

$P_{\mu}PsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : PiC - PrPIP\ddot{e}C\%P_{\mu}PSP^{\circ} PIC, PsPjP \gg P_{\mu}PSC - C\acute{I}C, CH_{\bar{H}}, PiP_{\mu}C \ddagger C - PSPSC\bar{I},$
 $PiPsPrC\bar{H}P^{\circ}P \cdot PSP_{\mu}PSPSC\bar{I} C - P \pm C - P \gg CH_{\bar{H}}$ $C\acute{r} PrC - P \gg C\bar{I}PSC \ddagger C - P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PiP^{\circ}PSPSC\bar{I},$
 $P_{\mu}C\bar{H}P\ddot{e}C, P_{\mu}PjP^{\circ}, C\bar{H}P_{\mu}P^{\circ}PeC \ddagger C - C\bar{I} PSP^{\circ} PjC - C\acute{I}C \ddagger C - PSP^{\circ}PSP_{\mu}C\acute{I}P_{\mu}PSPSC\bar{I}$.

$P\acute{K}P_{\mu}PiPsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSC - : PeC\bar{H}PsPISC, PsC \ddagger P\ddot{e}PIC - C\acute{I}C, CH_{\bar{H}} PrC - P \gg C\bar{I}PSPeP\ddot{e}$
 $PSP^{\circ}PSP_{\mu}C\acute{I}P_{\mu}PSPSC\bar{I}, C\acute{r}C, PIPsC\bar{H}P_{\mu}PSPSC\bar{I} PiP^{\circ}PiC\acute{r}P \gg, PiP^{\circ}C\bar{H}P_{\mu}C\acute{I}C, P_{\mu}P \cdot C - C\bar{I},$
 $PiC - PiP_{\mu}C\bar{H}C, P_{\mu}C\bar{H}PjC - C\bar{I}, P^{\circ}C\acute{I}C, P_{\mu}PSC - C\bar{I}, PsP \cdot PSPsP \pm, PrP_{\mu}C\bar{H}PjP^{\circ}C, P\ddot{e}C,,$
 $PIP\ddot{e}PrC - P \gg P_{\mu}PSPSC\bar{I} PSP^{\circ} PrC - P \gg C\bar{I}PSC \ddagger C - PSP^{\circ}PSP_{\mu}C\acute{I}P_{\mu}PSPSC\bar{I},$
 $PiC - PiP_{\mu}C\bar{H}P_{\mu}C\acute{I}C, P_{\mu}P \cdot C - C\bar{I} PrC - P \gg C\bar{I}PSPeP\ddot{e} PSP^{\circ}PSP_{\mu}C\acute{I}P_{\mu}PSPSC\bar{I}, PSP^{\circ}P \pm C\bar{H}C\bar{I}Pe,$
 $C\acute{r}C, PIPsC\bar{H}P_{\mu}PSPSC\bar{I} C\acute{I}C, C\bar{H}C\acute{r}PiC - PI C, P^{\circ} C\bar{H}C\acute{r}P \pm C \ddagger C - PI, PsPiC\acute{r}C \dots P^{\circ}PSPSC\bar{I} C -$
 $C\acute{r}C, PIPsC\bar{H}P_{\mu}PSPSC\bar{I} PIP\ddot{e}C\bar{H}P^{\circ}P \cdot PsPe PSP^{\circ} PjC - C\acute{I}C \ddagger C - PSP^{\circ}PSP_{\mu}C\acute{I}P_{\mu}PSPSC\bar{I},$
 $C\acute{r}C, PIPsC\bar{H}P_{\mu}PSPSC\bar{I} PiC\acute{r}C \dots P\ddot{e}C\bar{H}C \ddagger C - PI, PIC - PrC \ddagger C\acute{r}C, C, C\bar{I} P\bar{I}P^{\circ}C\bar{H}C\acute{r} PI PjC - C\acute{I}C \ddagger C -$
 $PSP^{\circ}PSP_{\mu}C\acute{I}P_{\mu}PSPSC\bar{I}, PIC - PrC \ddagger C\acute{r}C, C, C\bar{I} PrP\ddot{e}C\acute{I}PePsPjC,, PsC\bar{H}C, C\acute{r}, P \cdot P^{\circ}PiP^{\circ}P \gg P_{\mu}PSPSC\bar{I}$.

$P_{\mu}PsP \pm C - C \ddagger PSC - C\bar{H}P_{\mu}P^{\circ}PeC \ddagger C - C - , C\%Ps C \ddagger P^{\circ}C\acute{I}C, Ps PIP\ddot{e}PSP\ddot{e}PeP^{\circ}C\bar{H}C, CH_{\bar{H}}$.

$P - PsPIPSC - C\epsilon PSC - PiP_{\mu}PSC - C, P^{\circ}P \gg CH_{\bar{H}}PSC - PeP^{\circ}PSPPrP\ddot{e}P \gg PsPjP\ddot{e}$

$Pj PiP \gg P^{\circ}C \ddagger P_{\mu}P \pm Ps - PePsPSC, C\bar{H}PsP \gg CH_{\bar{H}}PsPIP^{\circ}PSP\ddot{e}C \dots PrPsC\acute{I}P \gg C - PrP\bar{I}P_{\mu}PSPSC\bar{I}C \dots$
 $PsC \ddagger C - PSC\bar{H}PIP^{\circ}P \gg P\ddot{e} PeP \gg C - PSC - C \ddagger PSC - PsP \cdot PSP^{\circ}PeP\ddot{e}, PIC\acute{I}C, P^{\circ}PSPsPIP \gg P_{\mu}PSC -$
 $PiC\bar{H}PsC, PsPePsP \gg PsPj (C\epsilon PeC - C\bar{H}PSC - C\bar{H}P_{\mu}P^{\circ}PeC \ddagger C - C -)$. $P P_{\mu}P \cdot C\acute{r}P \gg CH_{\bar{H}}C, P^{\circ}C, P\ddot{e} C, P^{\circ}PePsPiPs$
 $PsC \ddagger C - PSC\bar{H}PIP^{\circ}PSPSC\bar{I} PIPeP^{\circ}P \cdot C\acute{r}C\bar{H}C, CH_{\bar{H}} PSP^{\circ} C, P_{\mu}, C\%Ps PjC - C\acute{I}C \ddagger P_{\mu}PIC - C\epsilon PeC - C\bar{H}PSC -$
 $C\bar{H}P_{\mu}P^{\circ}PeC \ddagger C - C - , PIPeP \gg C\bar{H}C \ddagger P^{\circ}C\bar{H}C \ddagger P\ddot{e} P_{\mu}C\bar{H}P\ddot{e}C, P_{\mu}PjC\acute{r} (61 \%), P_{\mu}C\bar{H}PsP \cdot C - C\bar{H} (30 \%),$
 $P_{\mu}PeC\acute{I}PePsC\bar{H}C - P^{\circ}C \ddagger C - C\bar{H}/P \gg C\acute{r}C\%P_{\mu}PSPSC\bar{I}/ C\acute{r}C, PIPsC\bar{H}P_{\mu}PSPSC\bar{I} P \gg C\acute{r}C\acute{I}PsPe (23 \%) C, P^{\circ}$
 $PSP^{\circ}P \pm C\bar{H}C\bar{I}PeP\ddot{e} (14 \%), P \pm C\acute{r}P \gg P\ddot{e} PiPsC\epsilon P\ddot{e}C\bar{H}P_{\mu}PSP\ddot{e}PjP\ddot{e} PI C \ddagger P\ddot{e}C \dots PiP \gg P^{\circ}C \ddagger P_{\mu}P \pm Ps -$
 $PePsPSC, C\bar{H}PsP \gg CH_{\bar{H}}PsPIP^{\circ}PSP\ddot{e}C \dots PeP \gg C - PSC - C \ddagger PSP\ddot{e}C \dots PrPsC\acute{I}P \gg C - PrP\bar{I}P_{\mu}PSPSC\bar{I}C \dots$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PiP^{\circ}PSPSC\bar{I} PeC\bar{H}P_{\mu}PjC\acute{r} PSP^{\circ} PsC\acute{I}PSPsPIC - C - PjC - PePIC - PjPsPrC\acute{r} C, C\bar{H}P\ddot{e}C \ddagger C -$

PSP° C, PëP¶PrPµPSCĤ (PrPëPI. CĤPsP·PrC-P» B«PhCĤPsP±P»PëPIPsCĤC, C-
P·P°CĤC, PsCĤCfPIP°PSPSCĤB»). PĤC-CĤC†PµPIC- CëPeC-CĤPSC- CĤPµP°PeC†C-C—, C, P°PeC-
CĤPe PµCĤPëC, PµPjP°, PÑPjPsPIC-CĤPSPs, C” PĤCĤPsPrPsPIP¶PµPSPSCĤPj
C,, P°CĤPjP°PePsP»PsPiC-C†PSPëC... PµC,, PµPeC, C-PI PeCĤPµPjC-PI PSP° PsCĤPSPsPIC-
C-PjC-PePIC-PjPsPrCr.

P’ PĤP»P°C†PµP±Ps-PePsPSC, CĤPsP»CHPsPIP°PSPëC... PrPsCĤP»C-PrP¶PµPSPSCĤC...
C, P°PePsP¶ PĤPsPIC-PrPsPjP»CĤP»PsCĤCĤ PĤCĤPs PIC-PrPeP»P°PrPµPSC- PjC-CĤC†PµPIC-
CëPeC-CĤPSC- CĤPµP°PeC†C-C—, PĤPµCĤPµPIP°P¶PSPs PµCĤPëC, PµPjPë (44 %). PĤC-
CĤPµP°PeC†C-C— PIC-PrP±CfPIP°P»PëCĤCĤ PI PjC-CĤC†CĤC..., PI CĤPePëC... PSPµ PjP°C”
PePsPSPPrPëP»PsPj C- PSP° CĤPeC-, PjPsP¶P»PëPIPs, PĤPsC, CĤP°PĤPëPI PeCĤPµPj PSP°
PsCĤPSPsPIC- C-PjC-PePIC-PjPsPrCr.

P’C-P»CHCëC-CĤC, CH CëPeC-CĤPSPëC... CĤPµP°PeC†C-PÑ P±CfP»Pë P»PµPiPePsPiPs P°P±Ps
PĤPsPjC-CĤPSPsPiPs CĤC, CfPĤPµPSCĤ C, CĤP¶PePsCĤC, C- C, P° P·PSPëPeP°P»Pë
PĤCĤPsC, CĤPiPsPj 2 C, PëP¶PSC-PI PĤC-CĤP»CĤ PĤCĤPëPĤPëPSPµPSPSCĤ P»C-PeCfPIP°PSPSCĤ.
PhPrPSP°Pe Cr PrPµCĤPePëC... PĤPëPĤP°PrPeP°C... C†C- CĤPµP°PeC†C-C— P±CfP»Pë
C, CĤP¶PePëPjPë, PĤPëPjP°PiP°P»Pë P»C-PeCfPIP°PSPSCĤ C, P°/P°P±Ps CĤC, P°PIP°P»Pë
PĤCĤPëC†PëPSPsCĤ C-PSPIP°P»C-PrPëP·P°C†C-C—. PJ PrCrP¶Pµ CĤC-PrPeC-CĤPSPëC...
PĤPëPĤP°PrPeP°C... C, CĤP¶PeC- CĤPµP°PeC†C-C— PI CrCĤPµC, CĤP°P»CHPsPSPjCf
PĤCĤPsC...PsPrC- PĤCĤPëP·PIPsPrCĤC, CH PrPs PrPëP·CfCĤC-C— Cr P¶C-PSPsPe (PrPëPI.
CĤPsP·PrC-P» B«PhCĤPsP±P»PëPIPsCĤC, C- P·P°CĤC, PsCĤCfPIP°PSPSCĤB»).

PµPsPIPµCĤC...PSPµPIP° P±P°P·P°P»C-PsPjP°

PJ PĤP»P°C†PµP±Ps-PePsPSC, CĤPsP»CHPsPIP°PSPëC... PrPsCĤP»C-PrP¶PµPSPSCĤC...
PsC†C-PSCĤPIP°P»Pë PeP»C-PSC-C†PSC- PsP·PSP°PePë, PICĤC, P°PSPsPIP°PµPSC-
PĤCĤPsC, PsPePsP»PsPj (CëPeC-CĤPSC- CĤPµP°PeC†C-C—). P PµP·CfP»CHC, P°C, Pë C, P°PePsPiPs
PsC†C-PSCĤPIP°PSPSCĤ PĤPeP°P·CfCĤC, CH PSP° C, Pµ, C%Ps C, CĤP¶PeP° PµCĤPëC, PµPjP° (31
%), C, CĤP¶PeC- PµCĤPsP·C-C— (13 %) C, P° CĤPëP»CHPsPµ P»CfC%PµPSPSCĤ C, P°
CfC, PIPsCĤPµPSPSCĤ CĤCfC...PsC— PeC-CĤPePë (19 %) P±CfP»Pë PrCrP¶Pµ
PĤPsCëPëCĤPµPSPëPjPë PI C†PëC... PrPsCĤP»C-PrP¶PµPSPSCĤC... PeCĤPµPjCf PSP°
PsCĤPSPsPIC- C-PjC-PePIC-PjPsPrCr, CĤPePëPÑ P·P°CĤC, PsCĤPsPICfPIP°P»Pë 5 CĤP°P·C-PI
PSP° C, PëP¶PrPµPSCĤ. PĤC-CĤC†PµPIC- CëPeC-CĤPSC- CĤPµP°PeC†C-C—, C, P°PeC- CĤPe
PµCĤPëC, PµPjP°, PÑPjPsPIC-CĤPSPs, C” PĤCĤPsPrPsPIP¶PµPSPSCĤPj
C,, P°CĤPjP°PePsP»PsPiC-C†PSPsPiPs PµC,, PµPeC, Cr PeCĤPµPjCf PSP° PsCĤPSPsPIC-
C-PjC-PePIC-PjPsPrCr.

PµC-Pr C†P°CĤ P»C-PeCfPIP°PSPSCĤ C-PjC-PePIC-PjPsPrPsPj CĤPĤPsCĤC, PµCĤC-PiP°P»PëCĤCĤ
CëPeC-CĤPSC- C-PSC,, PµPeC†C-C—. PkPµP·PIP°P¶P°CĤC†Pë PSP° PIC-PrCĤCfC, PSC-CĤC, CH
CĤPµCĤPÑPsP·PSPëC... PSP°CĤP»C-PrPeC-PI, P·P°PIP¶PrPë CĤP»C-Pr PICĤP°C...PsPICfPIP°C, Pë
PjPsP¶P»PëPIC-CĤC, CH PĤPsCĤPIPë C-PSC,, PµPeC†C-C— Cr C, CĤC-C%PëPSPeP°C... PSP°
CëPeC-CĤC-.

PĤPeC, PëPSC-C†PSPëPÑ PePµCĤP°C, PsP·

PJ PeP»C-PSC-C†PSPëC... PrPsCĤP»C-PrP¶PµPSPSCĤC... P·P°CĤC, PsCĤCfPIP°PSPSCĤ
PeCĤPµPjCf PSP° PsCĤPSPsPIC- C-PjC-PePIC-PjPsPrCr 3 CĤP°P·Pë PSP° C, PëP¶PrPµPSCĤ
PĤCĤPsC, CĤPiPsPj 4 P°P±Ps 8 C, PëP¶PSC-PI PSP°PÑPĤPsCëPëCĤPµPSC-CëPëPjPë
CĤPµP°PeC†C-CĤPjPë PI PjC-CĤC†C- PSP°PSPµCĤPµPSPSCĤ P±CfP»Pë CĤPIPµCĤP±C-P¶ (14 %)
C, P° PĤPµC†C-PSPSCĤ PSP° C†C-P»CHPsPIC-PÑ PrC-P»CĤPSC†C- CëPeC-CĤPë (5 %).

P"CrP¶Pµ C±P°CfC,Ps CÍPíPScfC,PµCfC-PiP°P»PëCfC¶ C,C¶P¶PeP° PµCfPëC,PµPjP° (24 %) C,P° CÍPëP»CHbPSPµ P»CrC%PµPSPSC¶ PNë CrC,PIPsCfPµPSPSC¶ CÍCrC...PsC— PeC-CfPëPë (20 %). PhC-CÍC†PµPIC- CëPeC-CfPSC- CfPµP°PeC†C-C—, C,P°PeC- C¶Pe PµCfPëC,PµPjP°, PNëPjPsPIC-CfPSPs, C" PíCfPSPPrPsPIP¶PµPSPSC¶Pj C,,P°CfPjP°PePsP»PsPiC-C†PSPsPiPs PµC,,PµPeC,Cr PeCfPµPjCr PSP° PsCÍPSPsPIC- C-PjC-PePIC-PjPsPrCr. P"PëPI. C-PSC,,PsCfPjP°C†C-Cf PíCfPSP PíPµCfC-PsPrPë PIC-PrCÍCrC,PSPsCfC,C- P»C-PeCfPIP°PSPSC¶ Cr CfPSP·PrC-P»P°C... B«PÿPíPScfC-P± P·P°CfC,PsCÍCrPIP°PSPSC¶ C,P° PrPsP·PëB» C- B«PhCÍPsP±P»PëPIPsCfC,C- P·P°CfC,PsCÍCrPIP°PSPSC¶B».

PµC-Pr C±P°Cf P»C-PeCfPIP°PSPSC¶ C-PjC-PePIC-PjPsPrPsPj CÍPíPScfC,PµCfC-PiP°P»PëCfC¶ CëPeC-CfPSC- C-PSC,,PµPeC†C-C—. PkPµP·PIP°P¶P°CfC±Pë PSP° PIC-PrCÍCrC,PSC-CfC,CH CÍPµCfPNëPsP·PSPëC... PSP°CÍP»C-PrPeC-PI, P·P°PIP¶PrPë CÍP»C-Pr PICfP°C...PsPICfPIP°C,Pë PjPsP¶P»PëPIC-CfC,CH PíPSc¶IPíPë C-PSC,,PµPeC†C-C— Cr C,CfC-C%PëPSPeP°C... PSP° CëPeC-CfC-.

PµPsP±C-C†PSC- CfPµP°PeC†C-C—, P·P°CfC,PsCÍPsPIPSC- PrPs PICfC-C... PíPsPeP°P·P°PSCb

PhC,CfPëPjP°PSPs PíPsPIC-PrPsPjP»PµPSPSC¶ PíCfPSP P»PsPeP°P»C-P·PsPIP°PSCf PiC-PíPsPiC-PiPjPµPSC,P°C†C-Cf C,P° PiC-PíPµCfPiC-PiPjPµPSC,P°C†C-Cf PiC-CÍP»C¶ P·P°CfC,PsCÍCrPIP°PSPSC¶ PeCfPµPjCr PSP° PsCÍPSPsPIC- C-PjC-PePIC-PjPsPrCr. P†PSC,,PsCfPjP°C†C-C¶ C%PsPrPs PíPsPrP°P»CHbCëPsPiPs CÍPíPScfC,PµCfPµP¶PµPSPSC¶ CÍPIC-PrC†PëC,CH PíCfPSP C,Pµ, C%Ps Cr PrPµC¶PePëC... PíP°C†C-C"PS,C-PI C†C- P·PjC-PSPë PePsP»CHbPScfCr CëPeC-CfPë PjPsP¶CfC,CH P±CrC,Pë PíPScfC,C-PNëPSPëPjPë. PµC-Pr C±P°Cf PíPsPrP°P»CHbCëPsPiPs CÍPíPScfC,PµCfPµP¶PµPSPSC¶ P·P° 162 PíP°C†C-C"PS,P°PjPë C±PµCfPµP· PíPb™ C¶C,CH CfPSPeC-PI PíC-CÍP»C¶ P»C-PeCfPIP°PSPSC¶ PíPsPIPµCfC...PSPµPIPsC— P±P°P·P°P»C-PsPjPë PiC-PíPsPiC-PiPjPµPSC,P°C†C-C¶ P»PµPiPePsPiPs CÍC,CrPíPµPSC¶ C,C¶P¶PePsCfC,C- CÍPíPScfC,PµCfC-PiP°P»P°CfC¶ Cr 37 % PíP°C†C-C"PS,C-PI, P° PiC-PíPsPiC-PiPjPµPSC,P°C†C-C¶ PíPsPjC-CfPSPsPiPs CÍC,CrPíPµPSC¶ C,C¶P¶PePsCfC,C- CÍPíPScfC,PµCfC-PiP°P»P°CfC¶ Cr 6 % PíP°C†C-C"PS,C-PI. Pj 56 % PíP°C†C-C"PS,C-PI PiC-PíPsPiC-PiPjPµPSC,P°C†C-C— PSPµ CÍPíPScfC,PµCfC-PiP°P»P°CfC¶; PIPëPíP°PrPeC-PI PiC-PíPµCfPiC-PiPjPµPSC,P°C†C-C— PSPµ P·P°CfPµC"CfC,CfPSPiP°PSPs.

Pj PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSC¶C... PIPëPePsCfPëCfC,P°PSPSC¶ C-PjC-PePIC-PjPsPrCr PrP»C¶ P»C-PeCfPIP°PSPSC¶ P°PeC,PëPSC-C†PSPsPiPs PePµCfP°C,PsP·Cr P±CrP»Ps PIPëC¶IP»PµPSPs 0,4 % (5/1214) PIPëPíP°PrPeC-PI P°P»PsPíPµC†C-C— Cr PjC-CÍC†C- P·P°CfC,PsCÍCrPIP°PSPSC¶ P°P±Ps PSP°PIPePsP»Ps PSCHbPsPiPs. PhC,CfPëPjP°PSPs PíPsPIC-PrPsPjP»PµPSPSC¶ PíCfPSP PíC-PrPsP·CfCr PSP° P°P»PsPíPµC†C-Cf, C¶PeP° PIPëPSPëPeP°C" PíC-Pr C±P°Cf P»C-PeCfPIP°PSPSC¶ PíPsPIPµCfC...PSPµPIPsC— P±P°P·P°P»C-PsPjPë C,P° P·PsPIPSC-CëPSC-C... PíPsPIPµCfC...PSPµPIPëC... PePsPSPPrPëP»PsPj PíC-Pr C±P°Cf PíC-CÍP»C¶CfPµC"CfC,CfP°C†C-PNëPSPsPiPs P·P°CfC,PsCÍCrPIP°PSPSC¶.

Pj PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSC¶C... CÍPíPScfC,PµCfC-PiP°P»PsCfC¶ P·PSPëP¶PµPSPSC¶ CfC-PIPsC¶ PiPµPjPsPiP»PsP±C-PSCf, PeC-P»CHbPePsCfC,C- P»PµPNëPePsC†PëC,C-PI, P°P±CÍPsP»CHC,PSPëC... PSPµPNëC,CfPSPC,,C-P»C-PI C- C,CfPSPjP±PsC†PëC,C-PI. PÿP°PePµ P·PSPëP¶PµPSPSC¶ PSPµ PIPiP°P¶P°C"C,CHbCfC¶ PeP»C-PSC-C†PSPs P·PSP°C†CrC%PëPjPë Cr PíP°C†C-C"PS,C-PI C-P· PSPsCfPjP°P»CHbPSPëPj PiPµPjP°C,PsP»PsPiC-C†PSPëPj CfPµP·PµCfPIPsPj. PµP°C†C-C"PS,Pë P·C- P·PSPëP¶PµPSPëPj PiPµPjP°C,PsP»PsPiC-C†PSPëPj CfPµP·PµCfPIPsPj PSPµ P±CfP°P»Pë CrC±P°CfC,C- PI PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSC¶C....

PμPsPIC-PrPsPjP»PμPSPSCЦ PιCђPs PιPsP±C-C‡PSC- CђPμP°PeC†C-C— PιC-CѓP»CЦ
CђPμC”CѓC,CђP°C†C-C— P»C-PeP°CђCѓCHPePsPiPs P·P°CѓPsP±Cr PjP°C”
PIP°P¶P»PөPIPμ P·PSP°C‡PμPSPSCЦ. PιPμ PrP°C” P·PjPsPiCr PιCђPsPIPsPrPөC,Pө
PjPsPSC-C,PsCђPөPSPi CѓPιC-PIPIC-PrPSPSc€PμPSPSCЦ PePsCђPөCѓC,CH/CђPөP·PөPe PιCђPө
P·P°CѓC,PsCѓCѓPIP°PSPSC- C†CHPsPiPs P»C-PeP°CђCѓCHPePsPiPs P·P°CѓPsP±Cr.
PђPμPrPөC‡PSPөPj C,P° C,,P°CђPjP°C†PμPIC,PөC‡PSPөPj PιCђP°C†C-PIPSPөPeP°Pj, P°
C,P°PePsP¶ PιP°C†C-C”PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPөPj PιCђPμPrCѓC,P°PIPSPөPeP°Pj
CѓP»C-Pr PιPsPIC-PrPsPjP»CЦC,Pө PιCђPs CrCѓC- PIPөPιP°PrPePө PιC-PrPsP·CђCHPIP°PSPөC...
PιPsP±C-C‡PSPөC... CђPμP°PeC†C-PNө C,P° PIC-PrCѓCѓC,PSPScѓC,C-
PμC,,PμPeC,PөPIPSPScѓC,C- P»C-PeP°CђCѓCHPePsPiPs P·P°CѓPsP±Cr C‡PμCђPμP·
PhPIC,PsPjP°C,PөP·PsPIP°PSCr C-PSC,,PsCђPjP°C†C-PNөPSCr CѓPөCѓC,PμPjCr P·
C,,P°CђPjP°PePsPSP°PiP»CЦPrCr P·P° PιPsCѓPөP»P°PSPSCЦPj <https://aisf.dec.gov.ua>.

PŸPµCĤPjC-PS PİCĤPëPrP°C,PSPsCÍC,C-.

2 CĤPsPePë.

PJPjPsPIPë P·P±PµCĤC-PiP°PSPSCİ.

P—P±PµCĤC-PiP°C,Pë PİCĤPë C,PµPjPİPµCĤP°C,CÍCĤC- PSPµ PIPëC‰Pµ 25 B°PŸ. PkPµ P·P°PjPsCĤPsP¶CÍPIP°C,Pë.

P—P±PµCĤC-PiP°C,Pë CÍ PSPµPrPsCÍC,CÍPİPSPsPjCÍ PrP»Cİ PrC-C,PµPNë PjC-CÍC†C-.

PJPİP°PePsPIPëP°.

PµPs 250 PjPi PeCĤPµPjCÍ PI CÍP°C€Pµ. PµPs 12 P°P±Ps 24 CÍP°C€Pµ CÍ PeP°CĤC,PsPSPSC-PNë PePsCĤP±C†C-.

PљP°C,PµPiPsCĤC-Cİ PIC-PrPİCÍCÍPeCÍ.

P—P° CĤPµC†PµPİC,PsPj.

P’PëCĤPsP±PSPëPe.

P“P»PµPSPjP°CĤPe PαP°CĤPjP°CÍCHĤC,PëPeP°P»P· P>C,Pr./Glenmark Pharmaceuticals Ltd.

PњC-CÍC†PµP·PSP°C...PsPrP¶PµPSPSCİ PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤPµCÍP° PjC-CÍC†Cİ PİCĤPsPIP°PrP¶PµPSPSCİ PNëPsPiPs PrC-CİP»CHΉPSPsCÍC,C-.

P”C-P»CİPSPëP° B„- PŸ-7, PİCĤPsPjPëCÍP»PsPIP° P·PsPSP° PљPsP»PIP°P»CH, PљPsP»PIP°P»CH, P’P°CĤPrPµP·, P“PsP° BĤ” 403 513, P†PSPrC-Cİ /

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