

**PrP»CЦ PjPμPrPëC‡PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CíCíCñPePsPiPs
P•P°CíPsP±Cí**

(ALITER)

$$P\propto P^{\circ}C\overline{h}PjP^{\circ}P\epsilon PsPrP\ddot{e}PSP^{\circ}PjC-P\epsilon P^{\circ}.$$

РμРμСҖРөPSPPrPsPіСҖРөР» вҖҗ“ C-PSPiC-P±C-C,PsСҖ C,,РμСҖРјРμPSC,СҖ, СҖРөРөP№
 РіРμСҖРμC,PIPsСҖСҖСҖСҖ” P°PSPiC-PsC,РμPSP·РөPS P† PI P°PSPiC-PsC,РμPSP·РөPS P†P† (РҖРμРμPα).
 РμРμСҖРμC,PIPsСҖСҖРIP°P»СҖPSPөP№ C,,РμСҖРјРμPSC,, P°P±Ps РөC-PSP°P·P°, - C†Рμ C”
 РμРөP·PsPіРμPіC,РөPrP°P·P°, СҖРөP° СҖРμPsP±РөC,СҖ РјPsP¶P»РөPіPөРј
 РіРμСҖРμC,PIPsСҖРμPSPSCҖ P°PSPiC-PsC,РμPSP·РөPSCҖ P† СҖ
 СҖСҖP†РөPSPsP·PICҖP¶CҖPіP°P»СҖPSPөP№ P°PSPiC-PsC,РμPSP·РөPS P†P†, P° C,P°РөPsP¶
 СҖPіCҖРөCҖPөPSCҖC” СҖРμPsP·PіP°Pr PIP°P·PsPrРөP»P°C,P°C,PsСҖP° P±СҖР°P†РөPөC-PSC-PSCҖ
 PrPs PSPμP°РөC,РөPіPSPsPіPs PіРμPіC,P°PіРμPіC,РөPrCҖ. P†PSPiC-P±CҖPіP°PSPSCҖ РҖРμРμPα
 PіCҖРөP·PіPsPrРөC,СҖ PrPs P·РјРμPSC€PμPSPSCҖ РөPsPSC†PμPSC,СҖP°C†C-C—
 P°PSPiC-PsC,РμPSP·РөPSCҖ P†P† CҖ PіP»P°P·РјC- РөCҖРμPsPIC-, C%Ps PіC-PrPіPөC%CҖC”
 P°РөC,РөPіPSC-CҖC,СҖ СҖРμPSC-PSCҖ CҖ PіP»P°P·РјC- РөCҖРμPsPIC- (P·P° СҖP°C...CҖPSPsPө
 PіCҖРөPіPSC-CҖPμPSPSCҖ PSPμPіP°C,РөPіPSPsPіPs P·PіPsСҖРμPsC,PSPsPіPs
 P·PівҖҗ™ СҖР·РөCҖ PSP° PіPөPIC-P»СҖPSPμPSPSCҖ СҖРμPSC-PSCҖ) C,P° P·PSPөP¶CҖC”
 СҖРμРөCҖРμC†C-CҖ P°P»СҖPPrPsCҖC,РμСҖРμPsPSCҖ. РҖСҖPөC-P»СҖPөPө РҖРμРμPα
 C-PSP°РөC,РөPіCҖC” P±СҖР°P†РөPөC-PSC-PS, C-PSPiC-P±CҖPіP°PSPSCҖ РҖРμРμPα C,P°РөPsP¶
 PіCҖРөP·PіPsPrРөC,СҖ PrPs PіC-PrPіPөC%PμPSPSCҖ P°РөC,РөPіPSPsCҖC,C-
 C†РөCҖРөCҖP»CҖCҖCҖPsC— C,P° РјC-CҖC†PμPіPsC—
 РөP°P»C-РөCҖРμC—PSPөC-PSC-PSPsPіPsC— СҖPөCҖC,РμРјРө (C- C,P°РөPөРј CҖPөPSPsPј
 C,P°РөPsP¶ PіCҖРөP·PіPsPrРөC,СҖ PrPs P°РөC,РөPіP°C†C-C— СҖPөCҖC,РμРјРө
 PіCҖРμPsCҖC,P°PіP»P°PSPPrРөPSC-PI). PіРμP№ РјРμC...P°PSC-P·Рј PrC-C— P·CҖРјPsPіP»CҖC”
 P·PSPөP¶PμPSPSCҖ P°СҖC,РμСҖC-P°P»СҖPSPsPіPs C,РөCҖPөCҖ C-PSPiC-P±C-C,PsСҖP°РјРө
 РҖРμРμPα C- CҖP°CҖC,РөPsPіPs PIC-PrPіPsPIC-PrP°C” P·P° PіPsCҖPіCҖ PrРμCҖРөPөC...
 PіPsP±C-CҖPSPөC... РμC,,РμРөC,C-PI (PSP°PіCҖРөPөP»P°Pr, РөP°C€P»CҖ).

РμРμСҖРөPSPPrPsPіСҖРөР»CҖ C,РμСҖC,-P±CҖC,РөP»P°РјC-PS PrC-C” CҖРμСҖРμP· СҖPіC-P№
 P°РөC,РөPіPSPөP№ РјРμC,P°P±PsP»C-C, вҖҗ“ PіРμСҖРөPSPPrPsPіСҖРөР»P°C,. P†PSC€C- P¶
 РјРμC,P°P±PsP»C-C,Рө PSPμ PrРμРјPsPSCҖC,СҖCҖCҖC,СҖ P°РөC,РөPіPSPsCҖC,C- PI
 C-PSPiC-P±CҖPіP°PSPSC- РҖРμРμPα PI РμРөCҖPіРμСҖРөРјРμPSC,P°P»СҖPSPөC... CҖРјPsPіP°C....

РҖСҖC,РμСҖC-P°P»СҖPSP° PіC-PіРμСҖC,РμPSP·C-CҖ.

РμРμСҖРөPSPPrPsPіСҖРөР» РμC,,РμРөC,РөPіPSPs P·PSPөP¶CҖC” P°СҖC,РμСҖC-P°P»СҖPSPөP№
 C,РөCҖPө PіCҖРө PICҖC-C... СҖC,СҖPіРμPSCҖC... P°СҖC,РμСҖC-P°P»СҖPSPsC—
 PіC-PіРμСҖC,РμPSP·C-C—: P»РμPіРөPsPјCҖ, PіPsPјC-СҖPSPsPјCҖ C,P° C,СҖР¶P¶РөPsPјCҖ;
 P·PSPөP¶PμPSPSCҖ СҖPөCҖC,PsP»C-CҖPSPsPіPs C,P° PrC-P°CҖC,PsP»C-CҖPSPsPіPs
 P°СҖC,РμСҖC-P°P»СҖPSPsPіPs C,РөCҖPөCҖ СҖPіPsCҖC,РμСҖC-PіP°C”C,СҖCҖCҖ, СҖРө CҖ
 PіPsP»PsP¶PμPSPSC- P»РμP¶P°CҖPө, C,P°Рө C- CҖ PіPsP»PsP¶PμPSPSC- СҖC,PsCҖCҖPө.

РμРμСҖРөPSPPrPsPіСҖРөР» P·РјРμPSC€CҖC” PsPіC-СҖ PіРμСҖРөC,,РμСҖРөCҖPSPөC...
 СҖСҖP†РөPS, C%Ps PіCҖРөP·PіPsPrРөC,СҖ PrPs P·PSPөP¶PμPSPSCҖ
 P°СҖC,РμСҖC-P°P»СҖPSPsPіPs C,РөCҖPөCҖ. P°PSP°CҖP»C-PrPsPө C†СҖPсPіPs
 P·P±C-P»СҖC€CҖC”C,СҖCҖCҖ PіРμСҖРөC,,РμСҖРөCҖPSPөP№ РөCҖРμPsPіPsC,C-Рө P±РμP·
 PіPіP»РөPіCҖ PSP° CҖP°CҖC,PsC,СҖ СҖРμСҖC†PμPіPөC... СҖРөPsСҖРμPsCҖPμPSCҖ.

P—P°P·PіPөCҖP°P№, P·P±C-P»СҖC€CҖC”C,СҖCҖCҖ C- PSPөCҖРөPsPіPөP№ РөCҖРμPsPіPsC,C-Рө,
 CҖ C,PsP№ CҖP°CҖ СҖРө C€PіPөPrРөC-CҖC,СҖ РөP»CҖP±PsCҖРөPsPіPsC—
 C,,C-P»СҖC,СҖP°C†C-C— (РөPҖPα) P·P°P·PіPөCҖP°P№ PSPμ P·РјC-PSCҖC”C,СҖCҖCҖ.

РҖP°РөCҖPөРјP°P»СҖPSPөP№ P°PSC,РөPіC-PіРμСҖC,РμPSP·РөPіPSPөP№ РμC,,РμРөC,
 СҖРμPsP·PіPөPіP°C”C,СҖCҖCҖ CҖРμСҖРμP· 4вҖҗ“6 PіPsPrРөPS PіC-CҖP»CҖ
 PsPrPSPsСҖP°P·PsPіPsPіPs PіCҖРөP№PsPјCҖ P»C-РөP°СҖCҖСҖРөPsPіPs P·P°CҖPsP±CҖ

C,P° P·P±PμCȚC-PiP°C"C,CHCȚCȚ C%PsPSP°PN₂PjPμPSC€Pμ 24 PiPsPrPëPSPë:
CȚPiC-PIPIC-PrPSPsC€PμPSPSCȚ PȚ/P (PePsCȚPëC,Ps/PiC-Pe BȚ" PjC-PSC-PjP°P»CHPSP°
PμC,,PμPeC,PëPIPSC-CȚC,CH/PjP°PeCȚPëPjP°P»CHPSP° PμC,,PμPeC,PëPIPSC-CȚC,CH
CȚPiCȚPsPrPsPIP¶ PrPsP±Pë) PiPμCȚPëPSPPrPsPiCȚPëP»CȚ CȚC,P°PSPsPIPëC,CH 87BȚ"100 %.

PȚCȚC,PμCȚC-P°P»CHPSPëPN₂ C,PëCȚPe P·PSPëP¶CȚC"C,CHCȚCȚ C€PIPëPrPePs. Pj
PiP°CȚC-C"PSC,C-PI, CȚ CȚPePëC... CȚPiPsCȚC,PμCȚC-PiP°PICȚCȚ PμC,,PμPeC, PiC-CȚP»CȚ
P·P°CȚC,PsCȚCȚPIP°PSPSCȚ P»C-PeP°CȚCȚCHPePsPiPs P·P°CȚPs±CȚ,
PSPsCȚPjP°P»C-P·P°CȚC-CȚ P°CȚC,PμCȚC-P°P»CHPSPsPiPs C,PëCȚPeCȚ
PIC-PrP±CȚPIP°C"C,CHCȚCȚ PiCȚPsC,CȚPiPsPj PjC-CȚCȚCȚCȚ C,P°
P·P±PμCȚC-PiP°C"C,CHCȚCȚ P±PμP· PIPëPSPëPePSPμPSPSCȚ
C,P°C...C-C,,C-P»P°PeCȚC-C—.

Pj CȚP°P·C- PiCȚPëPiPëPSPμPSPSCȚ P·P°CȚC,PsCȚCȚPIP°PSPSCȚ PiPμCȚPëPSPPrPsPiCȚPëP»CȚ
PμC,,PμPeC, PIC-PrPjC-PSPë PSPμ PIPëPSPëPeP°C".

PμPμCȚPëPSPPrPsPiCȚPëP» P·PjPμPSC€CȚC" PiC-PiPμCȚC,CȚPsC,,C-CȚ P»C-PIPsPiPs
C€P»CȚPSPsCȚPeP°.

PȚP»C-PSC-CȚPSC- PrPsCȚP»C-PrP¶PμPSPSCȚ PrPsPIPμP»Pë, C%Ps PiPμCȚPëPSPPrPsPiCȚPëP»
PjP°C" CȚCȚPrPëPSPsCȚPsP·C€PëCȚCȚPIP°P»CHPSC- PIP»P°CȚC,PëPIPsCȚC,C-. P'C-PS
PiPsPeCȚP°C%CȚC" PμP»P°CȚC,PëCȚPSC-CȚC,CH PIPμP»PëPePëC... P°CȚC,PμCȚC-PN₂ C,P°
P·PjPμPSC€CȚC" CȚPiC-PIPIC-PrPSPsC€PμPSPSCȚ C,PsPIC%PëPSPë CȚC,C-PSPePë PrPs
PiCȚPsCȚPIC-C,CȚ CȚCȚPrPëPSPë PrP»CȚ PjP°P»PëC... P°CȚC,PμCȚC-PN₂.

P"PsPrP°C,PePsPIP° C,PμCȚP°PiC-CȚ P· C,C-P°P·PëPrPSPëPj PrC-CȚCȚPμC,PëPePsPj
PIPëCȚPIP»CȚC" CȚPëPSPμCȚPiC-CȚPSPëPN₂ PμC,,PμPeC,,. PȚPsPjP±C-PSP°CȚC-CȚ
C-PSPiC-P±C-C,PsCȚP° PȚPμPα C,P° C,C-P°P·PëPrPSPsPiPs PrC-CȚCȚPμC,PëPeP° C,P°PePsP¶
P·PjPμPSC€CȚC" CȚPëP·PëPe PiC-PiPsPeP°P»C-C"PjC-C—, CȚPiCȚPëCȚPëPSPμPSPsC—
PrC-CȚCȚPμC,PëPePsPj.

PȚPμCȚCȚPμPIP° PSPμPrPsCȚC,P°C,PSC-CȚC,CH.

PμPμCȚPëPSPPrPsPiCȚPëP»CȚ C,PμCȚC,-P±CȚC,PëP»P°PjC-PS P·PjPμPSC€CȚC"
CȚPsP±PsC,CȚ CȚPμCȚCȚCȚ C€P»CȚC...PsPj P·PjPμPSC€PμPSPSCȚ PiPμCȚPμPr- C,P°
PiC-CȚP»CȚPSP°PIP°PSC,P°P¶PμPSPSCȚ PSP° CȚPμCȚCȚPμ.

P"PsCȚP»C-PrP¶PμPSPSCȚ P·P° CȚCȚP°CȚC,CȚ PiP°CȚC-C"PSC,C-PI C-P·
CȚPμCȚCȚPμPIPsCȚ PSPμPrPsCȚC,P°C,PSC-CȚC,CȚ
PiCȚPsPrPμPjPsPSCȚC,CȚCȚPIP°P»Pë:

- P·PjPμPSC€PμPSPSCȚ C,PëCȚPeCȚ PSP°PiPsPIPSPμPSPSCȚ PiCȚP°PIPsPiPs C,P°
P»C-PIPsPiPs C€P»CȚPSPsCȚPeC-PI;
- P·PSPëP¶PμPSPSCȚ CȚPëCȚC,PμPjPSPsPiPs PiPμCȚPëC,,PμCȚPëCȚPSPsPiPs PsPiPsCȚCȚ;
- P·P±C-P»CHC€PμPSPSCȚ CȚPμCȚCȚPμPIPsPiPs C-PSPPrPμPeCȚCȚ C,P°
PiPsPeCȚP°C%P°PSPSCȚ CȚPμCȚCȚPμPIPsPiPs PIPëPePëPrCȚ;

Pj PiPsCȚC-PIPSCȚP»CHPSPëC... PrPsCȚP»C-PrP¶PμPSPSCȚC... PiPμCȚC€Pμ
PiCȚPëP·PSP°CȚPμPSPSCȚ 2 PjPi PiPμCȚPëPSPPrPsPiCȚPëP»CȚ PiP°CȚC-C"PSC,P°Pj C-P·

РѹС-СІР»СІ 3,9 СЃРѕРєСѓ (Сѓ СІРѹСЃРѹРѕСЃРѕРѕРѕРѕ СІРѕРѕСІС, РѹСЃРѹРѹРѹРѕРѕСІ Р°СЃС, РѹСЃС-Р°Р»»СЃРѕРѕРѕ С, РєСІРє
(СІРєСІС, РѕР»»С-СѹРѕРѕРѕ/РѕС-Р°СІС, РѕРл»С-СѹРѕРѕРѕ) Р.РјРѹРѕСЃСРєРєРєРєСІС Сѓ СІРѹСЃРѹРѕРѕРѕРѕРѕРѕ РѕР° СЃС, СІС, С, Р° СЃРєРєР.РєРє РѕРѕСІС, РѕСЃРѕРѕС... С-РѕСІСРѕР»»СЃС, С-РІ (СІРє С-СРѹРјС-СѹРѕС... С, Р° С- РіРјРјРѕСЃРѕРѕРіС-СѹРѕС...) РѕРѕСІС, РѕРІС-СЃРѕ Р.РјРѹРѕСЃСРєРєРєРєСІС Рѕ 28 % (95 % СІ [17;38], р<0,0001) РіРѕСЃС-РІСІСРѕРѕ Р. РіР°СІС-С"РѕС, Р°РјРє, СІРєС- РіСЃРѕРѕРјР°Р»»Рє РіР»»Р°СІРѹР±Рѕ

(10,1 % PīPsCḡC-PIPSCḡPSPs P· 13,8 %).

PŷP°PePsPḡ CḡPīPsCḡC,PḡCḡC-PiP°P»PsCḡCḡ PrPsCḡC,PsPIC-CḡPSPḡ P·PSPëPḡPḡPSPSCḡ
CḡPëP·PëPeCḡ PIPëPSPëPePSPḡPSPSCḡ:

- P»PḡC,P°P»CHḡPSPsPiPs P°P±Ps C-PSPIP°P»C-PrPëP·CḡCḡCḡPsPiPs C-PSCḡCḡP»CHḡC,Cḡ (4 % PīPsCḡC-PIPSCḡPSPs P· 5,9 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 33 %);

- P·P°PiP°P»CHḡPSPsC— PeC-P»CHḡPePsCḡC,C- P·PSP°CḡPSPëC... PeP°CḡPrC-PsPIP°CḡPeCḡP»CḡCḡPSPëC... PīPsPrC-PNḡ, CḡPeC- CḡPeP»P°PrP°CḡC,CHḡCḡCḡ P· PeP°CḡPrC-PsPIP°CḡPeCḡP»CḡCḡPSPsC— CḡPjPḡCḡC,-, PSPḡP»PḡC,P°P»CHḡPSPsPiPs C-PSCḡ,P°CḡPeC,Cḡ PjC-PsPeP°CḡPrP° C,P° PSPḡP»PḡC,P°P»CHḡPSPsPiPs C-PSCḡCḡP»CHḡC,Cḡ (15 % PīPsCḡC-PIPSCḡPSPs P· 19,8 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 26 %);

- PrPḡPjPḡPSCḡC-C—, C%Ps PIPëPSPëPeP°C” PIPSP°CḡP»C-PrPsPe C-PSCḡCḡP»CHḡC,Cḡ (1,4 % PīPsCḡC-PIPSCḡPSPs P· 2,1 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 34 %), C,P° C,CḡPḡPePëC... PīPsCḡCḡCḡPḡPSCḡ PePsPiPSC-C,PëPIPSPsC— Cḡ,CḡPSPeCḡC-C—, C%Ps PIPëPSPëPeP°CḡC,CHḡ CḡPSP°CḡP»C-PrPsPe C-PSCḡCḡP»CHḡC,Cḡ (1,6 % PīPsCḡC-PIPSCḡPSPs P· 2,8 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 45 %);

- P·PSP°CḡPSPëC... PePsCḡPsPSP°CḡPSPëC... PīPsPrC-PNḡ, PIPeP»CḡCḡP°CḡCḡPë PSPḡP»PḡC,P°P»CHḡPSPëPNḡ C-PSCḡ,P°CḡPeC, PjC-PsPeP°CḡPrP° P°P±Ps P»PḡC,P°P»CHḡPSPëPNḡ PSP°CḡP»C-PrPsPe, C%Ps PIC-PrP±CḡPICḡCḡ PIPSP°CḡP»C-PrPsPe C-CḡPḡPjC-CḡPSPsC— C...PIPSCḡPsP±Pë CḡPḡCḡCḡ (PḡPḡPŷ) (3,8 % PīPsCḡC-PIPSCḡPSPs P· 5 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 26 %).

PḡC- C,PḡCḡP°PīPḡPIC,PëCḡPSC- PīPḡCḡPḡPIP°PiPë CḡPīPsCḡC,PḡCḡC-PiP°P»PëCḡCḡ Cḡ PīP°CḡC-C”PSC,C-PI PSPḡP·P°P»PḡPḡPSPs PIC-Pr PSP°CḡPIPSPsCḡC,C-/PIC-PrCḡCḡC,PSPsCḡC,C- P°CḡC,PḡCḡC-P°P»CHḡPSPsC— PiC-PīPḡCḡC,PḡPSP·C-C—, PSPḡP·P°P»PḡPḡPSPs PIC-Pr PIC-PeCḡ, CḡC,P°C,C-, C,PëPīCḡ C-PSCḡCḡP»CHḡC,Cḡ P°P±Ps PSP°CḡPIPSPsCḡC,C- CḡCḡPeCḡPsPiPsPrC-P°P±PḡC,Cḡ. P PḡP·CḡP»CHḡC,P°C,Pë PrPsCḡP»C-PrPḡPḡPSPSCḡ PROGRESS PīPsPeP°P·P°P»Pë, C%Ps PīC-CḡP»Cḡ 5-CḡC-CḡPSPsPiPs P»C-PeCḡPIP°PSPSCḡ PjPsPḡPSP° CḡPSPëPePSCḡC,Pë PIPëPSPëPePSPḡPSPSCḡ PsPrPSPsPiPs C-PSCḡCḡP»CHḡC,Cḡ CḡPḡCḡPḡ Pr PePsPḡPSPëC... 23 PīP°CḡC-C”PSC,C-PI C,P° PsPrPSPsPiPs CḡPḡCḡPNḡPsP·PSPsPiPs PeP°CḡPrC-PsPIP°CḡPeCḡP»CḡCḡPSPsPiPs CḡCḡPeP»P°PrPSPḡPSPSCḡ CḡPḡCḡPḡ PePsPḡPSPëC... 18 PīP°CḡC-C”PSC,C-PI.

PḡP°CḡC-C”PSC,Pë P·C- CḡC,P°P±C-P»CHḡPSPsCḡ C-CḡPḡPjC-CḡPSPsCḡ C...PIPSCḡPsP±PsCḡ CḡPḡCḡCḡ (PḡPḡPŷ)

EUROPA Bḡ” CḡPḡ PjC-PḡPSP°CḡPsPrPSPḡ PjCḡP»CHḡC,PëCḡPḡPSC,CḡPsPiPḡ CḡP°PSPPrPsPjC-P·PsPIP°PSPḡ PīPsPrPIC-PNḡPSPḡ CḡP»C-PīPḡ PīP»P°CḡPḡP±Ps- PePsPSC,CḡPsP»CHḡPsPiP°PSPḡ PeP»C-PSC-CḡPSPḡ PrPsCḡP»C-PrPḡPḡPSPSCḡ, CḡPePḡ C,CḡPëPIP°P»Ps 4 CḡPsPePë. 12218 PīP°CḡC-C”PSC,C-PI PIC-PePsPj PIC-Pr 18 CḡPsPeC-PI P±CḡP»Pë CḡP°PSPPrPsPjC-P·PsPIP°PSC- PSP° PiCḡCḡPīPë: 6110 PīP°CḡC-C”PSC,C-PI PīCḡPëPNḡPjP°P»Pë 8 PjPi PīPḡCḡPëPSPPrPsPīCḡPëP»Cḡ C,PḡCḡC,-P±CḡC,PëP»P°PjC-PSCḡ C,P° 6108 PīP°CḡC-C”PSC,C-PI PīCḡPëPNḡPjP°P»Pë PīP»P°CḡPḡP±Ps. Pj PrPsCḡP»C-PrPḡPḡPSPSC- P±CḡP°P»Pë CḡCḡP°CḡC,CHḡ PīP°CḡC-C”PSC,Pë P· PīC-PrC,PIPḡCḡPrPḡPḡPSPsCḡ PḡPḡPŷ C,P°

$P \pm P_{\mu}P \cdot PeP \gg C - PSC - C \ddagger PSP \ddot{e}C \dots$ $C \acute{I}P \ddot{e}PjP \acute{I}C, PsPjC - PI$ $C \acute{I}P_{\mu}C \ddot{H}C \ddagger P_{\mu}PIP sC -$
 $PSP_{\mu}PrPsC \acute{I}C, P^{\circ}C, PSPsC \acute{I}C, C - .$ $P - P^{\circ}PiP^{\circ}P \gg PsPj, 90 \%$ $P \acute{I}P^{\circ}C \ddagger C - C''PSC, C - PI$
 $P \acute{I}P_{\mu}C \ddot{H}P_{\mu}PSP_{\mu}C \acute{I}P \gg P \ddot{e}$ PI $P^{\circ}PSP^{\circ}PjPSP_{\mu}P \cdot C -$ $C - PSC, P^{\circ}C \ddot{H}PeC, PjC - PsPeP^{\circ}C \ddot{H}PrP^{\circ}C, P^{\circ}/P^{\circ}P \pm Ps$
 $PsP \acute{I}P_{\mu}C \ddot{H}P^{\circ}C \ddagger C - C \ddot{H}P \cdot$ $C \ddot{H}P_{\mu}PIP^{\circ}C \acute{I}P eC \acute{r}P \gg C \acute{I}C \ddot{H}P \ddot{e}P \cdot P^{\circ}C \ddagger C - C - .$ $P^{\circ}C - P \gg CHC \ddot{e}C - C \acute{I}C, CH$
 $P \acute{I}P^{\circ}C \ddagger C - C''PSC, C - PI$ $C \acute{r}$ $PrPsC \acute{I}P \gg C - PrP \P P_{\mu}PSPSC -$ $PsC, C \ddot{H}P \ddot{e}PjC \acute{r}PIP^{\circ}P \gg P^{\circ}$
 $P \acute{I}P_{\mu}C \ddot{H}P \ddot{e}PSPrPsP \acute{I}C \ddot{H}P \ddot{e}P \gg$ $PrPsPrP^{\circ}C, PePsPIP s$ $PrPs$ $C \acute{I}C, P^{\circ}PSPrP^{\circ}C \ddot{H}C, PSPsC -$
 $C, P_{\mu}C \ddot{H}P^{\circ}P \acute{I}C - C - :$ $PrP_{\mu}P \cdot P^{\circ}P \acute{I}C \ddot{H}P_{\mu}P \acute{I}P^{\circ}PSC, C - PI,$ $P \acute{I}C - P \acute{I}PsP \gg C - P \acute{I}C - PrP_{\mu}PjC - C \ddagger PSP \ddot{e}C \dots$
 $P \gg C - PeP^{\circ}C \ddot{H}C \acute{I}CHPeP \ddot{e}C \dots$ $P \cdot P^{\circ}C \acute{I}PsP \pm C - PI$ C, P° $\beta - P \pm P \gg PsPeP^{\circ}C, PsC \ddot{H}C - PI.$

$P \hbar C \acute{I}PSPsPIPSP \ddot{e}Pj$ $PeC \ddot{H}P \ddot{e}C, P_{\mu}C \ddot{H}C - C''Pj$ $P_{\mu}C, P_{\mu}PeC, P \ddot{e}PIPSPsC \acute{I}C, C -$ $P \pm C \acute{r}P \gg Ps$
 $PIC \acute{I}C, P^{\circ}PSPsPIP \gg P_{\mu}PSPs$ $C \acute{I}C \acute{r}PeC \acute{r}P \acute{I}PSC \acute{r}$ $PsC \ddagger C - PSPeC \acute{r}$ $PIP \ddot{e}PSP \ddot{e}PePSP_{\mu}PSPSC \acute{I}$
 $C \acute{I}P_{\mu}C \ddot{H}C \ddagger P_{\mu}PIP s - C \acute{I}C \acute{r}PrP \ddot{e}PSPSPsC -$ $P \gg P_{\mu}C, P^{\circ}P \gg CHPSPsC \acute{I}C, C - ,$ $PSP_{\mu}P \gg P_{\mu}C, P^{\circ}P \gg CHPSPsPiPs$
 $C - PSC, P^{\circ}C \ddot{H}PeC, C \acute{r}$ $PjC - PsPeP^{\circ}C \ddot{H}PrP^{\circ}C, P^{\circ}/P^{\circ}P \pm Ps$ $P \cdot C \acute{r}P \acute{I}P \ddot{e}PSPeP \ddot{e}$ $C \acute{I}P_{\mu}C \ddot{H}C \ddagger C \acute{I}$ $P \cdot$
 $P \acute{I}PsPrP^{\circ}P \gg CHC \ddot{e}P \ddot{e}Pj$ $C \acute{r}C \acute{I}P \acute{I}C - C \ddot{e}PSP \ddot{e}Pj$ $P \cdot P^{\circ}P \acute{I}C \acute{r}C \acute{I}PePsPj.$ $P - P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \acute{I}$
 $P \acute{I}P_{\mu}C \ddot{H}P \ddot{e}PSPrPsP \acute{I}C \ddot{H}P \ddot{e}P \gg$ $C \acute{r}B$ PI $PrPsP \cdot C -$ 8 $PjPi$ $PsPrP \ddot{e}PS$ $C \ddot{H}P^{\circ}P \cdot$ PSP° $PrPsP \pm C \acute{r}$
 $P \acute{I}C \ddot{H}P \ddot{e}P \cdot PIP_{\mu}P \gg Ps$ $PrPs$ $PrPsC \acute{I}C, PsPIC - C \ddot{H}PSPsPiPs$ $P^{\circ}P \pm C \acute{I}PsP \gg CHC, PSPsPiPs$
 $P \cdot PjP_{\mu}PSC \ddot{e}P_{\mu}PSPSC \acute{I}$ $P \acute{I}PsPeP^{\circ}P \cdot PSP \ddot{e}PeP^{\circ}$ $P \acute{I}P_{\mu}C \ddot{H}PIP \ddot{e}PSPSPsC -$ $PeC - PSC \ddagger P_{\mu}PIP sC -$
 $C, PsC \ddagger PeP \ddot{e}$ $PrPsC \acute{I}P \gg C - PrP \P P_{\mu}PSPSC \acute{I}$ PSP° $1,9 \% (P \cdot PjP_{\mu}PSC \ddot{e}P_{\mu}PSPSC \acute{I}$
 $PIC - PrPSPsC \acute{I}PSPsPiPs$ $C \ddot{H}P \ddot{e}P \cdot P \ddot{e}PeC \acute{r}$ PSP° $20 \%, 95 \%$ $P \acute{Y}P \ddagger [9,4; 28,6]$ $\text{в} \ddot{H}''$ $p < 0,001$).

Pj $P \acute{I}P^{\circ}C \ddagger C - C''PSC, C - PI$ $P \cdot$ $C - PSC, P^{\circ}C \ddot{H}PeC, PsPj$ $PjC - PsPeP^{\circ}C \ddot{H}PrP^{\circ}C, P^{\circ}/P^{\circ}P \pm Ps$
 $C \ddot{H}P_{\mu}PIP^{\circ}C \acute{I}P eC \acute{r}P \gg C \acute{I}C \ddot{H}P \ddot{e}P \cdot P^{\circ}C \ddagger C - C''C \ddot{H}PI$ $P^{\circ}PSP^{\circ}PjPSP_{\mu}P \cdot C -$
 $C \acute{I}P \acute{I}PsC \acute{I}C, P_{\mu}C \ddot{H}C - P \acute{I}P^{\circ}P \gg PsC \acute{I}C \acute{I}$ $P^{\circ}P \pm C \acute{I}PsP \gg CHC, PSP_{\mu}$ $P \cdot PSP \ddot{e}P \P P_{\mu}PSPSC \acute{I}$ PSP° $2,2 \%$
 $P \acute{I}PsPeP^{\circ}P \cdot PSP \ddot{e}PeP^{\circ}$ $P \acute{I}P_{\mu}C \ddot{H}PIP \ddot{e}PSPSPsC -$ $PeC - PSC \ddagger P_{\mu}PIP sC -$ $C, PsC \ddagger PeP \ddot{e}, C \% Ps$
 $PIC - PrP \acute{I}PsPIC - PrP^{\circ}C''$ $P \cdot PSP \ddot{e}P \P P_{\mu}PSPSC \ddot{H}$ $PIC - PrPSPsC \acute{I}PSPsPiPs$ $C \ddot{H}P \ddot{e}P \cdot P \ddot{e}PeC \acute{r}$ PSP° $22,4 \%$
 $(95 \% P \acute{Y}P \ddagger [12,0; 31,6])$ $\text{в} \ddot{H}''$ $p < 0,001$) $P \acute{I}PsC \ddot{H}C - PIPSC \acute{I}PSPs$ $P \cdot$ $P \acute{I}P \gg P^{\circ}C \ddagger P_{\mu}P \pm Ps.$

$P - P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \acute{I}$ $PrC - C, C \acute{I}Pj.$

$P^{\circ}P_{\mu}P \cdot P \acute{I}P_{\mu}PeC \acute{r}$ C, P° $P_{\mu}C, P_{\mu}PeC, P \ddot{e}PIPSC - C \acute{I}C, CH$ $P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \acute{I}$
 $P \acute{I}P_{\mu}C \ddot{H}P \ddot{e}PSPrPsP \acute{I}C \ddot{H}P \ddot{e}P \gg C \acute{r}$ $C \acute{r}$ $PrC - C, P_{\mu}P \ddot{N} \ddot{e}$ C, P° $P \acute{I}C - PrP \gg C - C, PeC - PI$ $PIC - PePsPj$ $PrPs$ 18
 $C \ddot{H}PsPeC - PI$ $PIC \acute{I}C, P^{\circ}PSPsPIP \gg P_{\mu}PSPs$ PSP_{μ} $P \pm C \acute{r}P \gg Ps.$

Pj $PIC - PrPeC \ddot{H}P \ddot{e}C, PsPjC \acute{r}$ $PeP \gg C - PSC - C \ddagger PSPsPjC \acute{r}$ $PrPsC \acute{I}P \gg C - PrP \P P_{\mu}PSPSC -$ $P \pm P_{\mu}P \cdot$ $P \acute{I}C \ddot{H}C \acute{r}P \acute{I}$
 $P \acute{I}PsC \ddot{H}C - PIPSC \acute{I}PSPSC \acute{I}$ 62 $PrC - C, C \acute{I}Pj$ $PIC - PePsPj$ $PIC - Pr$ 2 $PrPs$ 15 $C \ddot{H}PsPeC - PI,$ $C \acute{r}$ $C \acute{I}PeP \ddot{e}C \dots$
 $P \ddot{e}P \ddot{H}P \alpha$ $C \acute{I}C, P^{\circ}PSPsPIP \ddot{e}P \gg P^{\circ}$ > 30 $PjP \gg /C \dots PI/1,73$ $Pj^2,$ $P \acute{I}C \ddot{H}P \ddot{e}P \cdot PSP^{\circ}C \ddagger P^{\circ}P \gg P \ddot{e}$
 $P \acute{I}P_{\mu}C \ddot{H}P \ddot{e}PSPrPsP \acute{I}C \ddot{H}P \ddot{e}P \gg$ $C \acute{r}$ $C \acute{I}P_{\mu}C \ddot{H}P_{\mu}PrPSC - P \ddot{N} \ddot{e}$ $PrPsP \cdot C -$ $0,07$ $PjPi/PePi.$ $P''PsP \cdot C \acute{r}$
 $P \gg C - PeP^{\circ}C \ddot{H}C \acute{I}CHPePsPiPs$ $P \cdot P^{\circ}C \acute{I}PsP \pm C \acute{r}$ $P \acute{I}C - PrP \pm P \ddot{e}C \ddot{H}P^{\circ}P \gg P \ddot{e}$
 $C - PSPrP \ddot{e}PIC - PrC \acute{r}P^{\circ}P \gg CHPSPs,$ $P \acute{I}C - PrPIP \ddot{e}C \% C \acute{r}C \ddot{H}C \ddagger P \ddot{e}$ $PrPs$ $PjP^{\circ}PeC \acute{I}P \ddot{e}PjP^{\circ}P \gg CHPSPsC -$
 $0,135$ $PjPi/PePi/PrPsP \pm C \acute{r}$ $P \cdot P^{\circ}P \gg P_{\mu}P \P PSPs$ $PIC - Pr$ $P \acute{I}C \ddot{H}PsC, C - P \gg CH$ $P \acute{I}P^{\circ}C \ddagger C - C''PSC, P^{\circ}$ C, P°
 $PIC - PrP \acute{I}PsPIC - PrC -$ $P^{\circ}C \ddot{H}C, P_{\mu}C \ddot{H}C - P^{\circ}P \gg CHPSPsPiPs$ $C, P \ddot{e}C \acute{I}P eC \acute{r}$ PSP° $P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \acute{I}.$ 59
 $P \acute{I}P^{\circ}C \ddagger C - C''PSC, C - PI$ $P \pm C \ddot{H}P^{\circ}P \gg P \ddot{e}$ $C \acute{r}C \ddagger P^{\circ}C \acute{I}C, CH$ $C \acute{r}$ $PrPsC \acute{I}P \gg C - PrP \P P_{\mu}PSPSC -$
 $P \acute{I}C \ddot{H}PsC, C \acute{I}PiPsPj$ 3 $PjC - C \acute{I}C \acute{I}C \ddagger C - PI,$ 36 $P \acute{I}P^{\circ}C \ddagger C - C''PSC, C - PI$ $P \acute{I}C \ddot{H}PsPrPsPIP \P P \ddot{e}P \gg P \ddot{e}$
 $P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \acute{I}$ $C \acute{I}Pe$ $PjC - PSC - PjC \acute{r}Pj$ $PrPs$ 24 $PjC - C \acute{I}C \acute{I}C \ddagger C - PI$ $(C \acute{I}P_{\mu}C \ddot{H}P_{\mu}PrPSC \acute{I}$
 $C, C \ddot{H}P \ddot{e}PIP^{\circ}P \gg C - C \acute{I}C, CH$ $PrPsC \acute{I}P \gg C - PrP \P P_{\mu}PSPSC \acute{I}$ $C \acute{I}C, P^{\circ}PSPsPIP \ddot{e}P \gg P^{\circ}$ 44 $PjC - C \acute{I}C \acute{I}C \ddagger C - .)$
 $P \acute{Y}P \ddot{e}C \acute{I}C, PsP \gg C - C \ddagger PSP \ddot{e}P \ddot{N} \ddot{e}$ C, P° $PrC - P^{\circ}C \acute{I}C, PsP \gg C - C \ddagger PSP \ddot{e}P \ddot{N} \ddot{e}$ $P^{\circ}C \ddot{H}C, P_{\mu}C \ddot{H}C - P^{\circ}P \gg CHPSP \ddot{e}P \ddot{N} \ddot{e}$
 $C, P \ddot{e}C \acute{I}Pe$ $P \cdot P^{\circ}P \gg P \ddot{e}C \ddot{e}P^{\circ}PIC \acute{I}C \acute{I}$ $C \acute{I}C, P^{\circ}P \pm C - P \gg CHPSP \ddot{e}Pj$ $(PIC - Pr$ $PjPsPjP_{\mu}PSC, C \acute{r}$
 $PIP eP \gg CHC \ddagger P_{\mu}PSPSC \acute{I}$ $P \acute{I}P^{\circ}C \ddagger C - C''PSC, P^{\circ}$ $C \acute{r}$ $PrPsC \acute{I}P \gg C - PrP \P P_{\mu}PSPSC \acute{I}$ $PrPs$
 $PsC \acute{I}C, P^{\circ}PSPSCHPsPiPs$ $PIC - P \cdot P \ddot{e}C, C \acute{r})$ $C \acute{r}$ $P \acute{I}P^{\circ}C \ddagger C - C''PSC, C - PI,$ $C \acute{I}PeC -$ $P \acute{I}PsP \acute{I}P_{\mu}C \ddot{H}P_{\mu}PrPSC \ddot{H}Ps$
 $P \gg C - PeC \acute{r}PIP^{\circ}P \gg P \ddot{e}C \acute{I}C \acute{I}$ $C - PSC \ddot{e}P \ddot{e}PjP \ddot{e}$ $P^{\circ}PSC, P \ddot{e}P \acute{I}C - P \acute{I}P_{\mu}C \ddot{H}C, P_{\mu}PSP \cdot P \ddot{e}PIPSP \ddot{e}PjP \ddot{e}$
 $P \gg C - PeP^{\circ}C \ddot{H}C \acute{I}CHPeP \ddot{e}PjP \ddot{e}$ $P \cdot P^{\circ}C \acute{I}PsP \pm P^{\circ}PjP \ddot{e}$ C, P° $P \cdot PSP \ddot{e}P \P C \acute{r}PIP^{\circ}PIC \acute{I}C \acute{I}$ $C \acute{r}$
 $P \acute{I}P^{\circ}C \ddagger C - C''PSC, C - PI,$ $C \acute{I}PeC -$ $P \acute{I}PsP \acute{I}P_{\mu}C \ddot{H}P_{\mu}PrPSC \ddot{H}Ps$ PSP_{μ} $PsC, C \ddot{H}P \ddot{e}PjC \acute{r}PIP^{\circ}P \gg P \ddot{e}$

P»C-PeCfPIP°PSPSCЦ. P'C-P»CHC€Pμ 75 % PrC-C,PμPNε PjP°P»Pë CÍPëCÍC,PSP»C-C‡PSPëPNε C,P° PrC-P°CÍC,PSP»C-C‡PSPëPNε P°CȚC,PμCȚC-P°P»CHPSPëPNε C,PëCÍPe PSPëP¶C‡Pμ 95-PiPs PīPμCȚC‡PμPSC,PëP»CЦ PīC-Pr C‡P°CÍ C—C... PsCÍC,P°PSPSCHPsPiPs PIC-P·PëC,Cr Cr PrPsCÍP»C-PrP¶PμPSPSC-. PμCȚPsC,,C-P»CH P±PμP·PīPμPePë P·P°CÍC,PScÍCfPIP°PSPSCЦ Cr PrC-C,PμPNε PIC-PrPīPsPIC-PrP°PI PIC-PrPsPjPsPjCr PīCȚPsC,,C-P»CH P±PμP·PīPμPePë PīPμCȚPëPSPPrPsPīCȚPëP»Cr.

PαP°CȚPjP°PePsPeC-PSPμC,PëPeP°.

PħP±CÍPsCȚP±C‡C-CЦ.

PμC-CÍP»CЦ PīPμCȚPsCȚP°P»CHPSPsPiPs PīCȚPëPNεPsPjCr PīPμCȚPëPSPPrPsPīCȚPëP» C€PIPëPrPePs PICÍPjPsPeC,CrC"C,CHCÍCЦ, PjP°PeCÍPëPjP°P»CHPSP° PePsPSC‡PμPSC,CȚP°C‡C-CЦ Cr PīP»P°P·PjC- PeCȚPsPIC- PrPsCÍCЦPīP°C"C,CHCÍCЦ PīCȚPsC,CЦPiPsPj 1 PiPsPrPëPSPë. PμPμCȚC-PsPr PSP°PīC-PICȚPsP·PīP°PrCr PīPμCȚPëPSPPrPsPīCȚPëP»Cr Cr PīP»P°P·PjC- PeCȚPsPIC- CÍC,P°PSPsPIPëC,CH 1 PiPsPrPëPSCr.

PμPμCȚPëPSPPrPsPīCȚPëP» C" PīCȚPsP»C-PeP°CȚCÍCHPePëPj P·P°CÍPsP±PsPj. 27 % PIC-Pr P·P°PīP°P»CHPSPsC— PeC-P»CHPePsCÍC,C- PīCȚPëPNεPSCЦC,PSPiPs PīPμCȚPëPSPPrPsPīCȚPëP»Cr PIPëP·PSP°C‡P°C"C,CHCÍCЦ PI PeCȚPsPIC- Cr PIPëPiP»CЦPrC- P°PeC,PëIPSPsPiPs PjPμC,P°P±PsP»C-C,Cr BȚ" PīPμCȚPëPSPPrPsPīCȚPëP»P°C,Cr. PȚCȚC-Pj P°PeC,PëIPSPsPiPs PjPμC,P°P±PsP»C-C,Cr BȚ" PīPμCȚPëPSPPrPsPīCȚPëP»P°C,Cr, P»C-PeP°CȚCÍCHPePëPNε P·P°CÍC-P± CrC,PIPsCȚCHC" 5 PjPμC,P°P±PsP»C-C,C-PI, CЦPeC- C" PSPμP°PeC,PëIPSPëPjPë. PħP°PeCÍPëPjP°P»CHPSP° PePsPSC‡PμPSC,CȚP°C‡C-CЦ PīPμCȚPëPSPPrPsPīCȚPëP»P°C,Cr Cr PīP»P°P·PjC- PeCȚPsPIC- PrPsCÍCЦPīP°C"C,CHCÍCЦ C‡PμCȚPμP· 3BȚ"4 PiPsPrPëPSPë PīC-CÍP»CЦ PīCȚPëPNεPsPjCr.

P'P¶PëPIP°PSPSCЦ C—P¶C- P·PjPμPSC€CrC" PīPμCȚPμC,PIPsCȚPμPSPSCЦ PīPμCȚPëPSPPrPsPīCȚPëP»Cr Cr PīPμCȚPëPSPPrPsPīCȚPëP»P°C,, PsC,P¶Pμ, P·PjPμPSC€CrC"C,CHCÍCЦ PNεPsPiPs P±C-PsPrPsCÍC,CrPīPSC-CÍC,CH, C,PSPjCr PrPsP±PsPICr PrPsP·Cr PīPμCȚPëPSPPrPsPīCȚPëP»Cr C,PμCȚC,-P±CrC,PëP»P°PjC-PSCr CȚPμPePsPjPμPSPPrCrC"C,CHCÍCЦ PīCȚPëPNεPjP°C,Pë PsPrPSPsCȚP°P·PsPIPs PICȚP°PSC‡C- PīPμCȚPμPr C—PrPsCH.

P'C-PrP·PSP°C‡P°C"C,CHCÍCЦ P»C-PSC-PNεPSP° P·P°P»PμP¶PSC-CÍC,CH PjC-P¶ PrPsP·PsCH PīPμCȚPëPSPPrPsPīCȚPëP»Cr C,P° PNεPsPiPs PePsPSC‡PμPSC,CȚP°C‡C-C"CH Cr PīP»P°P·PjC- PeCȚPsPIC-.

P PsP·PīPsPrC-P».

PħP±BȚ™ C"Pj CȚPsP·PīPsPrC-P»Cr PSPμP·PīBȚ™ CЦP·P°PSPsPiPs PīPμCȚPëPSPPrPsPīCȚPëP»P°C,Cr CÍC,P°PSPsPIPëC,CH PīCȚPëP±P»PëP·PSPs 0,2 P»/PePi. P—PīBȚ™ CЦP·CrPIP°PSPSCЦ PīPμCȚPëPSPPrPsPīCȚPëP»P°C,Cr P· P±C-P»PeP°PjPë PīP»P°P·PjPë PeCȚPsPIC- CÍC,P°PSPsPIPëC,CH 20 %, PiPsP»PsIPSPëPj C‡PëPSPsPj P· PħPμPα, P°P»Pμ C‡PμPNε PīPsPeP°P·PSPëPe C" PrPsP·PsP·P°P»PμP¶PSPëPj.

P'PëPIPμPrPμPSPSCЦ.

PμPμCȚPëPSPPrPsPīCȚPëP»P°C, PIPëIPsPrPëC,CHCÍCЦ C-P· CÍPμC‡PμCH. PμPμCȚC-PsPr

PsCfC,P°C,PsC±PSPsPiPs PSp°PīC-PIPIPēPIPμPrPμPSPSCl PSpμP·PiBh™ ClP·P°PSPsC—
C,,CḡP°PeC†C-C— CḡC,P°PSPsPIPēC,Ch PiCḡPēP±P»PēP·PSPs 17 PiPsPrPēPS. PŸC,P°PrC-Cl
CḡC-PIPSPsPIP°P¶PSPsC— PePsPSC†PμPSC,CḡP°C†C-C— Cḡ PiP»P°P·PjC- PeCḡPsPIC-
PSP°CḡC,P°C” C†PμCḡPμP· 4 PrPSC- PIC-Pr PiPsC±P°C,PeCḡ P»C-PeCḡPIP°PSPSCl.

PhCḡPsP±P»PēPIC- PiCḡCḡPiPē PiP°C†C-C”PSC,C-PI.

P’PēPIPμPrPμPSPSCl PiPμCḡPēPSPPrPsPiCḡPēP»P°C,Cḡ CḡPiPsPIC-P»ChPSCḡC”C,ChCḡCl Cḡ
PiP°C†C-C”PSC,C-PI P»C-C,PSChPsPiPs PIC-PeCḡ, P° C,P°PePsP¶ Cḡ PiP°C†C-C”PSC,C-PI C-P·
CḡPμCḡC†PμPIPsCḡ P°P±Ps PSPēCḡPePsPIPsCḡ PSpμPrPsCḡC,P°C,PSC-CḡC,Cḡ.
P PμPePsPjPμPSPPrPsPIP°PSPs PiC-PrP±PēCḡP°C,Pē PrPsP·Cḡ PrP»Cl PiP°C†C-C”PSC,C-PI P·
PSPēCḡPePsPIPsCḡ PSpμPrPsCḡC,P°C,PSC-CḡC,Cḡ, PICḡP°C...PsPICḡCḡC†Pē CḡC,CḡPiC-PSCḡ
PSPμPrPsCḡC,P°C,PSPsCḡC,- (PeP»C-CḡPμPSCḡCḡ PeCḡPμP°C,PēPSC-PSCḡ).

P”C-P°P»C-P·PSPēPN PeP»C-CḡPμPSCḡ PiPμCḡPēPSPPrPsPiCḡPēP»P°C,Cḡ Bḡ” 70 PjP»/C...PI.

PḡC-PSPμC,PēPeP° PiPμCḡPēPSPPrPsPiCḡPēP»Cḡ P·PjC-PSCḡC”C,ChCḡCl Cḡ
C...PIPsCḡPēC... PSP° C†PēCḡPsP· PiPμC†C-PSPePē: PiPμC†C-PSPePsPIPēPN
PeP»C-CḡPμPSCḡ PiPμCḡPēPSPPrPsPiCḡPēP»Cḡ P·PjPμPSC€CḡC”C,ChCḡCl
PIPrPIC-C†C-. PhPrPSP°Pe PeC-P»ChPeC-CḡC,Ch PiPμCḡPēPSPPrPsPiCḡPēP»P°C,Cḡ,
C%Ps CḡC,PIPsCḡCḡC”C,ChCḡCl, PSPμ P·PjPμPSC€CḡC”C,ChCḡCl. PhC,P¶Pμ,
C,P°PePēPj C...PIPsCḡPēPj PSPμ PiPsC,CḡC-P±PSPs PePsCḡPēPiCḡPIP°C,Pē PrPsP·Cḡ.

PḡP»C-PSC-C†PSC- C...P°CḡP°PeC,PμCḡPēCḡC,PēPePē.

PμPsPeP°P·P°PSPSCl.

- PḡCḡC,PμCḡC-P°P»ChPSP° PiC-PiPμCḡC,PμPSP·C-Cl.
- PŸPμCḡC†PμPIP° PSpμPrPsCḡC,P°C,PSC-CḡC,Cḡ.
- P—P°PiPsP±C-PiP°PSPSCl PIPēPSPēPePSPμPSPSCḡ PiPsPIC,PsCḡPSPsPiPs
C-PSCḡCḡP»ChC,Cḡ Cḡ PiP°C†C-C”PSC,C-PI P· C†PμCḡPμP±CḡPsPIP°CḡPeCḡP»ClCḡPSPēPjPē
P·P°C...PIPsCḡCḡPIP°PSPSClPjPē.
- P—P°PiPsP±C-PiP°PSPSCl CḡPμCḡC†PμPIPs-CḡCḡPrPēPSPSPēPj
CḡCḡPeP»P°PrPSPμPSPSClPj Cḡ PiP°C†C-C”PSC,C-PI P· PrPsPeCḡPjPμPSC,P°P»ChPSPs
PiC-PrC,PIPμCḡPrP¶PμPSPsCḡ CḡC,P°P±C-P»ChPSPsCḡ C-C€PμPjC-C†PSPsCḡ
C...PIPsCḡPsP±PsCḡ CḡPμCḡC†Cl.

P”PsPIPiPsC,CḡPēPIP°P»Pμ P»C-PeCḡPIP°PSPSCl P·PjPμPSC€CḡC” CḡPēP·PēPe
PIPēPSPēPePSPμPSPSCl C-PSC,,P°CḡPeC,Cḡ PjC-PsPeP°CḡPrP° C,P° CḡPμCḡC†PμPIPsC—
PSPμPrPsCḡC,P°C,PSPsCḡC,- (P·P° CḡPμP·CḡP»ChC,P°C,P°PjPē PrPsCḡP»C-PrP¶PμPSPSCl
EUROPA).

PμCḡPsC,PēPiPsPeP°P·P°PSPSCl.

- PμC-PrPIPēC%PμPSP° C†CḡC,P»PēPIC-CḡC,Ch PrPs PiPμCḡPēPSPPrPsPiCḡPēP»Cḡ P°P±Ps
PrPs P±CḡPrCh-ClPePsC— P· PrPsPiPsPjC-P¶PSPēC... CḡPμC†PsPIPēPS

P»C-PeP°CḡCfCHbPePsPiPs P·P°CfPsP±Cf, P°P±Ps PrPs P±CfPrCHb-CḡPePsPiPs C-PSC€PsPiPs C-PSPIc-P±C-C,PsCḡP° PhPμPα;

- P°PSPiC-PsPSPμPICḡPsC,PēC±PSPēPNē PSP°P±CḡCḡPe PI P°PSP°PjPSPμP·C-, PīPsPIbḡ™ CḡP·P°PSPēPNē C-P· PīPsPīPμCḡPμPrPSC-Pj P»C-PeCfPIP°PSPSCḡPj C-PSPIc-P±C-C,PsCḡPsPj PhPμPα (PrPēPI. CḡPsP·PrC-P» B«PhCfPsP±P»PēPIPsCfC,C-P·P°CfC,PsCfCfPIP°PSPSCḡB»);

- C-PrC-PsPīP°C,PēC±PSPēPNē P°P±Ps CḡPīP°PrPePsPIPēPNē P°PSPiC-PsPSPμPICḡPsC,PēC±PSPēPNē PSP°P±CḡCḡPe;

- PsPrPSPsC±P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ P· P»C-PeP°CḡCfCHbPePēPjPē P·P°CfPsP±P°PjPē, C%Ps PjC-CfC,CḡC,CH PrC-CHC±Cf CḡPμC±PsPIPēPSCf P°P»C-CfPeC-CḡPμPS, PīP°CfC-C"PSC,P°Pj C-P· CfCfPeCḡPsPIPēPj PrC-P°P±PμC,PsPj, P°P±Ps P· PīPsCḡCfC€PμPSPSCḡPjPē C,,CfPSPeCfC-C— PSPēCḡPsPe (PēPḡPα < 60 PjP»/C...PI/1,73 Pj²) (PrPēPI. CḡPsP·PrC-P» B«P'P·P°C"PjPsPrC-Cḡ P· C-PSC€PēPjPē P»C-PeP°CḡCfCHbPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSC€C- PIPēPrPē PIP·P°C"PjPsPrC-PNēB»);

- PIP°PiC-C,PSC- P°P±Ps PḡC-PSPePē, CḡPeC- PīP»P°PSCfCHC,CH P·P°PIP°PiC-C,PSC-C,Pē (PrPēPI. CḡPsP·PrC-P» B«P—P°CfC,PsCfCfPIP°PSPSCḡ Cf PīPμCḡC-PsPr PIP°PiC-C,PSPsCfC,C-P°P±Ps PīPsPrCfPIP°PSPSCḡ PiCḡCfPrPrCHB»);

- PsPrPSPsC±P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ C-P· CḡP°PeCfP±C-C,CḡPēP»PsPj/PIP°P»CḡP°CḡC,P°PSPsPj; P·P°CfC,PsCfCfPIP°PSPSCḡ P»C-PeP°CḡCfCHbPePsPiPs P·P°CfPsP±Cf PhP·P†PḡP·P PSPμ PjPsPḡPSP° CḡPsP·PīPsC±PēPSP°C,Pē CḡP°PSC-C€Pμ PSC-Pḡ C±PμCḡPμP· 36 PīPsPrPēPS PīC-CḡP»Cḡ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHbPsC— PrPsP·Pē CḡP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CḡP°CḡC,P°PSCf (PrPēPI. CḡPsP·PrC-P»Pē B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB» C- B«P'P·P°C"PjPsPrC-Cḡ P· C-PSC€PēPjPē P»C-PeP°CḡCfCHbPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSC€C- PIPēPrPē PIP·P°C"PjPsPrC-PNēB» C,P° B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»);

- PμPeCfC,CḡP°PePsCḡPīPsCḡP°P»CHbPSC- PjPμC,PsPrPē P»C-PeCfPIP°PSPSCḡ, CḡPeC- PīCḡPēP·PIPsPrCḡC,CH PrPs PePsPSC,P°PeC,Cf PeCḡPsPIC- P· PSPμPīP°C,PēPIPsPs P·P°CḡCḡPrPḡPμPSPēPjPē PīPsPIPμCḡC...PSCḡPjPē (PrPēPI. CḡPsP·PrC-P» B«P'P·P°C"PjPsPrC-Cḡ P· C-PSC€PēPjPē P»C-PeP°CḡCfCHbPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSC€C- PIPēPrPē PIP·P°C"PjPsPrC-PNēB»);

- P·PSP°C±PSPēPNē PrPIPsP±C-C±PSPēPNē CfC,PμPSPsP· PSPēCḡPePsPIPēC... P°CḡC,PμCḡC-PNē P°P±Ps CfC,PμPSPsP· P°CḡC,PμCḡC-C— C"PrPēPSPsC— C,,CfPSPeCfC-PsPSCfCHC±PsC— PSPēCḡPePē (PrPēPI. CḡPsP·PrC-P» B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»).

P'P·P°C"PjPsPrC-Cḡ P· C-PSC€PēPjPē P»C-PeP°CḡCfCHbPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSC€C- PIPēPrPē PIP·P°C"PjPsPrC-PNē.

P"°PSC- PeP»C-PSC-C±PSPēC... PrPsCḡP»C-PrPḡPμPSCH CḡPIC-PrC±P°C,CH, C%Ps PīPsPrPIC-PNēPSP° P±P»PsPeP°PrP° CḡPμPSC-PS-P°PSPiC-PsC,PμPSP·PēPS- P°P»CHbPrPsCfC,PμCḡPsPSPsPIPsC— CḡPēCfC,PμPjPē (P PhPḡPḡ) C€P»CḡC...PsPj

PsPrPSPsC±P°CfPSPsPiPs PīCḡPēPNēPsPjCf C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ,
P±P»PsPeP°C,PsCḡC-PI CḡPḡC†PḡPiC,PsCḡC-PI P°PSPiC-PsC,PḡPSP·PēPSCf P†P† P°P±Ps
P°P»C-CfPeC-CḡPḡPSCf P°CfPsC†C-CḡC”C,ChCfCḡ P· P±C-P»ChCē PIPēCfPsPePsCḡ
C±P°CfC,PsC,PsCḡ PīPsP±C-C±PSPēC... CḡPḡP°PeC†C-PNē, C,P°PePēC... CḡPe
P°CḡC,PḡCḡC-P°P»ChPSP° PiC-PiPsC,PḡPSP·C-Cḡ, PiC-PiPḡCḡPeP°P»C-C”PjC-Cḡ C,P°
P·PSPēPḡPḡPSPSCḡ C,,CfPSPeC†C-C— PSPēCḡPsPe (PIPeP»CḡC±P°CḡC±Pē PiPsCfC,CḡCf
PSPēCḡPePsPICf PSPḡPrPsCfC,P°C,PSC-CfC,Ch), PiPsCḡC-PIPSCḡPSPs C-P·
P·P°CfC,PsCfCfPIP°PSPSCḡPj PsPrPSPsPiPs P»C-PeP°CḡCfChPePsPiPs P·P°CfPsP±Cf, C%Ps
PIPiP»PēPIP°C” PSP° P PḡPḡPḡ (PrPēPI. CḡPsP·PrC-P»Pē B«PḡCḡPsC,PēPiPsPeP°P·P°PSPSCḡB»
C,P° B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»).

*P>C-PeP°CḡCfChPeC- P·P°CfPsP±Pē, C%Ps PiC-PrPIPēC%CḡCḡC,Ch CḡPēP·PēPe
CḡPsP·PIPēC,PeCḡ P°PSPiC-PsPSPḡPICḡPsC,PēC±PSPsPiPs PSP°P±CḡCḡPeCḡ*

PḡPrPSPsC±P°CfPSPḡ P·P°CfC,PsCfCfPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ C-P·
CfP°PeCfP±C-C,CḡPēP»PsPj/PIP°P»CfP°CḡC,P°PSPsPj PīCḡPsC,PēPiPsPeP°P·P°PSPḡ,
PsCfPeC-P»ChPePē C†Pḡ PiC-PrPIPēC%CfC” CḡPēP·PēPe CḡPsP·PIPēC,PeCf
P°PSPiC-PsPSPḡPICḡPsC,PēC±PSPsPiPs PSP°P±CḡCḡPeCf (PrPēPI. CḡPsP·PrC-P»Pē
B«PḡCḡPsC,PēPiPsPeP°P·P°PSPSCḡB» C,P° B«PhCfPsP±P»PēPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCḡB»). P PsP·PiPsC±PēPSP°C,Pē P·P°CfC,PsCfCfPIP°PSPSCḡ
CfP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CfP°CḡC,P°PSCf PiPsC,CḡC-P±PSPs PSPḡ CḡP°PSC-CēPḡ
PSC-Pḡ C†PḡCḡPḡP· 36 PiPsPrPēPS PiC-CfP»Cḡ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHPsC—
PrPsP·Pē PiPḡCḡPēPSPrPsPiCḡPēP»Cf. PḡPḡCḡP°PiC-Cḡ PiPḡCḡPēPSPrPsPiCḡPēP»PsPj
CfP»C-Pr CḡPsP·PiPsC±PēPSP°C,Pē PSPḡ CḡP°PSC-CēPḡ PSC-Pḡ C†PḡCḡPḡP· 36 PiPsPrPēPS
PiC-CfP»Cḡ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHPsC— PrPsP·Pē
CfP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CfP°CḡC,P°PSCf (PrPēPI. CḡPsP·PrC-P»Pē
B«PḡCḡPsC,PēPiPsPeP°P·P°PSPSCḡB» C,P° B«PhCfPsP±P»PēPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCḡB»).

PḡPrPSPsC±P°CfPSPḡ P·P°CfC,PsCfCfPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ P·
CḡP°C†PḡPeP°PrPsC,CḡPēP»PsPj, C-PSPiC-P±C-C,PsCḡP°PjPē mTOR (PSP°PīCḡPēPeP»P°Pr, C-P·
CfPēCḡPsP»C-PjCfCfPsPj, PḡPIPḡCḡPsP»C-PjCfCfPsPj, C,PḡPjCfPēCḡPsP»C-PjCfCfPsPj) C,P° P·
PiP»C-PiC,PēPSP°PjPē (PSP°PīCḡPēPeP»P°Pr, C-P· P»C-PSP°PiP»C-PiC,PēPSPsPj,
CfP°PeCfP°PiP»C-PiC,PēPSPsPj, CfPēC,P°PiP»C-PiC,PēPSPsPj, PIC-P»PrP°PiP»C-PiC,PēPSPsPj)
PjPsPḡPḡ PīCḡPēP·PIPḡCfC,Pē PrPs PiC-PrPIPēC%PḡPSPSCḡ CḡPēP·PēPeCf CḡPsP·PIPēC,PeCf
P°PSPiC-PsPSPḡPICḡPsC,PēC±PSPsPiPs PSP°P±CḡCḡPeCf (PrPēPI. CḡPsP·PrC-P»
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»).

*P>C-PeP°CḡCfChPeC- P·P°CfPsP±PēB C%Ps CfPīCḡPēC±PēPSCḡCḡC,Ch
PiC-PiPḡCḡPeP°P»C-C”PjC-Cḡ.*

P C-PIPḡPSCḡ PeP°P»C-Cḡ PI CfPēCḡPsPIP°C,C†C- PeCḡPsPIC- P·P°P·PIPēC±P°PNē
P·P°P»PēCēP°C”C,ChCfCḡ PI PjPḡPḡP°C... PSPsCḡPjPē, P°P»Pḡ Cf PrPḡCḡPePēC...
PīP°C†C-C”PSC,C-PI, CḡPeC- P·P°CfC,PsCfPsPICfCḡC,Ch P»C-PeP°CḡCfChPePēPNē
P·P°CfC-P± PḡP>P†PḡP·P , PjPsPḡPḡ PIPēPSPēPePSCfC,Pē
PiC-PiPḡCḡPeP°P»C-C”PjC-Cḡ. P”PḡCḡPeC- P»C-PeP°CḡCfChPeC- P·P°CfPsP±Pē
P°P±Ps C,PḡCḡP°PiPḡPIC,PēC±PSC- PeP»P°CfPē P»C-PeP°CḡCfChPePēC...
P·P°CfPsP±C-PI PjPsPḡCfC,Ch CfPiCḡPēC±PēPSPēC,Pē
PiC-PiPḡCḡPeP°P»C-C”PjC-CḡPIPePSPēPePSPḡPSPSCḡ PiC-PiPḡCḡPeP°P»C-C”PjC-C—,
P° CfP°PjPḡ: P°P»C-CfPeC-CḡPḡPS, CfPsP»C- PeP°P»C-Cḡ,
PeP°P»C-PNēP·P±PḡCḡC-PiP°CḡC±C- PrC-CfCḡPḡC,PēPePē (PSP°PīCḡPēPeP»P°Pr,

CГPиC-CTПsPSPsP»P°PeC,PsPS, C,CTПeP°PjC,PμCTПPμPS P°P±Ps P°PjC-P»PsCTПePTr),
 C-PSPиC-P±C-C,PsCTПe PПPμPα, P°PSC,P°PiPsPSC-CГC,Pe CTПPμC†PμPiC,PsCTПC-PI
 P°PSPиC-PsC,PμPSP·PēPSCr P†P†, PSPμCГC,PμCTПPsC—PrPSC-
 PiCTПPsC,PēP·P°PiP°P»CHPSC- P·P°CГPsP±Pē (PкPμP—P—), PiPμPiP°CTПePSPē,
 C-PjC†PSPsCГC†PiCTПPμCГPsCTПe, C,P°PeC- CИPe C†PēPeP»PsCГPiPsCTПePS P°P±Ps
 C,P°PeCTПPsP»C-PjC†CГ, C,CTПePjPμC,PsPiCTПePj C,P° PePs-C,CTПePjPsPeCГP°P·PsP»
 (C,CTПePjPμC,PsPiCTПePj/CГC†P»CHC,,P°PjPμC,PsPeCГP°P·PsP»), PsCГPeC-P»CHPePē
 C,CTПePjPμC,PsPiCTПePj PrC-C” CИPe PeP°P»C-PNp·P±PμCTПC-PiP°CTHC†PēPNp
 PrC-C†CTПPμC,PēPe, PiPsPrC-P±PSPs PrPs P°PjC-P»PsCTПePTrC†. PhPrPSPsC†P°CГPSPēPNp
 PiCTПePPNpPsPj PiPeP°P·P°PSPēC... P»C-PeP°CTГCГCHPePēC... P·P°CГPsP±C-PI
 PiC-PrPiPēC%oC†C” CTПeP·PēPe PiPēPSPēPePSPμPSPSCИ PiC-PiPμCTПeP°P»C-C”PjC-C—.B
 PŷPsPjC† PsPrPSPsC†P°CГPSPμ P·P°CГC,PsCГC†PiP°PSPSCИ P»C-PeP°CTГCГCHPePsPiPs
 P·P°CГPsP±C† PПP·P†PŷP·P P·PiPēC%oPμP·P°P·PSP°C†PμPSPēPjPē P»C-PeP°CTГCГCHPePēPjPē
 P·P°CГPsP±P°PjPē PSPμ CTПPμPePsPjPμPSPPrPsPiP°PSPs. PiPeC%oPs PsPrPSPsC†P°CГPSPμ
 P·P°CГC,PsCГC†PiP°PSPSCИ C†PēC... CTПPμC†PsPiPēPS C” PSPμPsP±C...C-PrPSPēPj, C—C...
 CГP»C-Pr P·P°CГC,PsCГPsPIC†PiP°C,Pē P· PsP±PμCTПPμP¶PSC-CГC,CT C,P° PiCTПsPiPsPrPēC,Pē
 C†P°CГC,PēPNp PjPsPSC-C,PsCTПePSPi CTПC-PIPSИ PeP°P»C-CT C† CГPēCTПsPiP°C,C†C-
 PeCTПsPIC-.

PhPrPSPsC†P°CГPSPμ P·P°CГC,PsCГC†PiP°PSPSCИ PiCTПPsC,PēPiPsPeP°P·P°PSPs (PrPēPI.
 CTПPsP·PrC-P» B«PμCTПPsC,PēPiPsPeP°P·P°PSPSCИB»).

PПP»C-CГPeC-CTПPμPS: C† PiP°C†C-C”PSC,C-PI, C...PiPsCTПeC... PSP° C†C†PeCTПsPiPēPNp
 PrC-P°P±PμC,, P°P±Ps C† PiP°C†C-C”PSC,C-PI P· PiPsCTПC†C€PμPSPSCИPjPē C,,C†PSPeC†C-C—
 PSPēCTПPsPe CTПeP·PēPe PiPēPSPēPePSPμPSPSCИ PiC-PiPμCTПeP°P»C-C”PjC-C—,
 PiPsPiC-CTПC€PμPSPSCИ C,,C†PSPeC†C-C— PSPēCTПPsPe C,P°
 PeP°CTПPrC-PsPiP°CГPeC†P»CИCTПPSPsC— P·P°C...PiPsCTПCTПPiP°PSPsCГC,C- PNp
 P»PμC,P°P»CHPSPsCГC,C- PiC-PrPiPēC%oC†C”C,CHCГCИ.

P·PeCГC,CTПP°PePsCTПPiPsCTПP°P»CHPSC- PjPμC,PsPrPē P»C-PeC†PiP°PSPSCИ. CИPeC-
 PiCTПeP·PiPsPrCИC,CH PrPs PePsPSC,P°PeC,C† PeCTПsPIC- P· PSPμPiP°C,PēPiPSPs
 P·P°CTПCИPrP¶PμPSPēPjPē PiPsPiPμCTПC...PSCИPjPē, C,P°PePēPjPē CИPe
 PiPēCГPsPePsPiCTПPsC,PsC†PSC- PjPμPjP±CTПP°PSPē PrP»CИ PrC-P°P»C-P·C† P°P±Ps
 PiPμPjPsC,,C-P»CHC,CTПP°C†C-C— (PSP°PiCTПePēP»P°Pr PiPsP»C-P°PeCTПeP»PsPIC-
 PjPμPjP±CTПP°PSPē) C,P° PrP»CИ P°C,,PμCTПPμP·C† P»C-PiPsPiCTПPsC,PμC—PrC-PI
 PSPēP·CHPePsC— C%oC-P»CHPSPsCГC,C- P· PrPμPeCГC,CTПP°PSCГC†P»CHC,,P°C,PsPj, C%oPs
 PjPsP¶Pμ PiCTПeP·PiPμCГC,Pē PrPs PiC-PrPiPēC%oPμPSPSCИ CTПeP·PēPeC†
 PiPēPSPēPePSPμPSPSCИ C,CИP¶PePēC... P°PSP°C,,C-P»P°PeC,PsC—PrPSPēC... CTПPμP°PeC†C-PNp
 (PrPēPI. CTПPsP·PrC-P» B«PμCTПPsC,PēPiPsPeP°P·P°PSPSCИB»). PJ CTПP°P·C-
 PSPμPsP±C...C-PrPSPsCГC,C- C,P°PePsPiPs P»C-PeC†PiP°PSPSCИ, CГP»C-Pr
 CTПPsP·PiP»CИPSC†C,Pē PjPsP¶P»PēPIC-CГC,CH PiPēPePsCTПePēCГC,P°PSPSCИ
 PrC-P°P»C-P·PSPsC— PjPμPjP±CTПP°PSPē C-PSC€PsPiPs C,PēPiC† P°P±Ps
 P·P°CГC,PsCГC†PiP°PSPSCИ C-PSC€PsPiPs PeP»P°CГC†
 P°PSC,PēPiC-PiPμCTПC,PμPSP·PēPiPSPēC... P»C-PeP°CTГCГCHPePēC... P·P°CГPsP±C-PI.

PhPrPSPsC†P°CГPSPμ P·P°CГC,PsCГC†PiP°PSPSCИ PSPμ CTПPμPePsPjPμPSPPrPsPiP°PSPμ (PrPēPI.
 CTПPsP·PrC-P» B«PhCГPsP±P»PēPiPsCГC,C- P·P°CГC,PsCГC†PiP°PSPSCИB»).

PПP»C-CГPeC-CTПPμPS: C† P±C†PrCHC-CИPePēC... C-PSC€PēC... PiP°C†C-C”PSC,C-PI, CИPe C- C†

C...PIPsCḡPëC... PSP° C†CṛPeCḡPsPIPëPNë PrC-P°P±PμC, P°P±Ps PṛP°C†C-C"PS C,C-PI P·
PṛPsCḡCṛCεPμPSPSCḲPjPë C,,CṛPSPeC†C-C"Ḥ PSPëCḡPsPe, CḡPëP·PëPe
PIPëPSPëPePSPμPSPSCḲ PṛC-PṛPμCḡPeP°P»C-C"ḲC-C—, PṛPsPṛC-CḡCεPμPSPSCḲ
C,,CṛPSPeC†C-C— PSPëCḡPsPe C,P° PeP°CḡPrC-PsPIP°CṛPeCṛP»CḲCḡPSPsC—
P·P°C...PIPsCḡCḡPIP°PSPsCṛC,C- C,P° P»PμC,P°P»CḤPSPsCṛC,C-
PṛC-PrPIPëC%oCṛC"Ḳ,CḤCṛCḲ.

PḥPrPSPsC†P°CṛPSPμ P·P°CṛC,PsCṛCṛPIP°PSPSCḲ C-PSPiC-P±C-C,PsCḡP° PḥPμPḥ C,P°
P±P»PsPeP°C,PsCḡP° CḡPμC†PμPṛC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCṛ

P—P° PrP°PSPëPjPë P»C-C,PμCḡP°C,CṛCḡPë PIC-PrPsPjPs, C%oPs Cṛ PṛP°C†C-C"PS C,C-PI P·C-
PICṛC,P°PSPsPIP»PμPSPëPj P°C,PμCḡPsCṛPeP»PμCḡPsP·PsPj, CṛPμCḡC†PμPIPsCḤ
PSPμPrPsCṛC,P°C,PS C-CṛC,Ḥ P°P±Ps P· C†CṛPeCḡPsPIPëPj PrC-P°P±PμC,PsPj P·
CṛCḡP°PḡPμPSPSCḲPj PsCḡPiP°PS C-PI-PjC-CεPμPSPμPNë PsPrPSPsC†P°CṛPSPμ
P·P°CṛC,PsCṛCṛPIP°PSPSCḲ C-PSPiC-P±C-C,PsCḡC-PI PḥPμPḥ C,P° P±P»PsPeP°C,PsCḡC-PI
CḡPμC†PμPṛC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCṛ CṛCṛPṛCḡPsPIPsPrPḡCṛPIP°P»PsCṛCḲ
PṛC-PrPIPëC%oPμPSPSCḲPj C†P°CṛC,PsC,Pë PIPëPSPëPePSPμPSPSCḲ
P°CḡC,PμCḡC-P°P»CḤPSPsC— PṛC-PṛPsC,PμPSP·C-C—, PSPμPṛCḡPëC,PsPjPSPsCṛC,C-,
PṛC-PṛPμCḡPeP°P»C-C"ḲC-C— C,P° PṛPsPṛC-CḡCεPμPSPSCḲPj C,,CṛPSPeC†C-C— PSPëCḡPsPe
(Cṛ C,PsPjCṛ C†PëCṛP»C- PṛPsCṛC,CḡPsC— PSPëCḡPePsPIPsC— PSPμPrPsCṛC,P°C,PSPsCṛC,C-) PṛPsCḡC-
PIPSCḲPSPs P· PjPsPSPsC,PμCḡP°PṛC-C"Ḥ P»C-PeP°CḡCṛCḤPePëPjPë P·P°CṛCṛP±P°PjPë, C%oPs
PIPṛP»PëPIP°CḤC,CḤ PSP° P PḥPḥPṽ. P—P°CṛC,PsCṛCṛPIP°PSPSCḲ PṛPsPrPIC-PNëPSPsC—
P±P»PsPeP°PrPë (C,PsP±C,Ps PePsPjP±C-PSP°C†C-CḲ C-PSPiC-P±C-C,PsCḡP° PḥPμPḥ P·
P°PSC,P°PiPsPSC-CṛC,P°PjPë CḡPμC†PμPṛC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCṛ P†P†)
PjPsPḡP»PëPIPμ C,C-P»CḤPePë PI PsPeCḡPμPjPëC... PIPëPṛP·PrPeP°C... P·P° CṛPjPsPIPë
CḡPμC,PμP»CḤPSPsPiPs PePsPSC,CḡPsP»CḤ C,,CṛPSPeC†C-C— PSPëCḡPsPe, CḡC-PIPSCḲ
PeP°P»C-CḤ C,P° P°CḡC,PμCḡC-P°P»CḤPSPsPiPs C,PëCṛPeCṛ.

P·CṛC,CḡP°PjCṛCṛC,PëPS: PṛC-PrPIPëC%oPμPSPSCḲ CḡPëP·PëPeCṛ PIPëPSPëPePSPμPSPSCḲ
PṛPsP±C-C†PSPëC... CḡPμP°PeC†C-PNë, C,P°PePëC... CḲPe P°PSPiC-PsPSPμPICḡPsC,PëC†PSPëPNë
PSP°P±CḡCḲPe (P°PSPiC-PsPμPrPμPjP°).

PḥP°P»C-PNëP·P±PμCḡC-PṛP°CḤC†C- PrC-CṛCḡPμC,PëPePë (PSP°PṛCḡPëPeP»P°Pr
C,CḡPëP°PjC,PμCḡPμPS, P°PjC-P»PsCḡPëPr C,P° C-PSCεC-), CṛPsP»C- PeP°P»C-CḤ:
PIPëPSPëPePSPμPSPSCḲ PṛC-PṛPμCḡPeP°P»C-C"ḲC-C— (PṛPsC,PμPSC†C-PNëPSPs
P»PμC,P°P»CḤPSPsC—), PsCṛPsP±P»PëPIPs Cṛ PṛP°C†C-C"PS C,C-PI C-P·
PṛPsCḡCṛCεPμPSPSCḲPjPë C,,CṛPSPeC†C-C— PSPëCḡPsPe (P°PrPëC,PëPIPSPëPNë
PṛC-PṛPμCḡPeP°P»C-C"ḲC-C†PSPëPNë PμC,,PμPeC,). P—P°P·PSP°C†PμPSC-
P»C-PeP°CḡCṛCḤPeC- P·P°CṛPsP±Pë PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSC- PrP»CḲ
PsPrPSPsC†P°CṛPSPsPiPs P·P°CṛC,PsCṛCṛPIP°PSPSCḲ P· PṛPμCḡPëPSPPrPsPiCḡPëP»PsPj
(PrPëPI. CḡPsP·PrC-P» B«PḥCṛPsP±P»PëPIPsCṛC,C- P·P°CṛC,PsCṛCṛPIP°PSPSCḲB»).

PḥPrPSP°Pe CḲPeC%oPs PsPrPSPsC†P°CṛPSPμ PṛCḡPëP·PSP°C†PμPSPSCḲ C†PëC...
CḡPμC†PsPIPëPS C" PSPμPsP±C...C-PrPSPëPj, C—C... CṛP»C-Pr
P·P°CṛC,PsCṛPsPICṛPIP°C,Pë P· PsP±PμCḡPμPḡPSC-CṛC,Ḥ C,P° PṛCḡPsPIPsPrPëC,Pë
C†P°CṛC,PëPNë PePsPSC,CḡPsP»CḤ PeP°P»C-CḤ Cṛ CṛPëCḡPsPIP°C,C†C-B PeCḡPsPIC-.
P©PsPrPs P·P°CṛC,PsCṛCṛPIP°PSPSCḲ CṛPṛC-CḡPsPSPsP»P°PeC,PsPSCṛ PṛCḡPë
CṛPμCḡC†PμPIC-PNë PSPμPrPsCṛC,P°C,PSPsCṛC,C- PrPëPI. PṛCṛPSPeC,
B«PḥPrPSPsC†P°CṛPSPμ P·P°CṛC,PsCṛCṛPIP°PSPSCḲ, CḲPePμ PṛPsC,CḡPμP±CṛC"
PsCṛPsP±P»PëPIPsC— CṛPIP°PiPëB».

P>C-C,C-PN₂. P₄CT₃Pē P·P°C₁C,PsC₁C₁PIP°PSPSC- C-PSiC-P±C-C,PsCT₃C-PI P₃P₄P_α P·
P»C-PeP°CT₃C₁CH₃PePēPjPē P·P°C₁PsP±P°PjPē P»C-C,C-CT₃ PiPsPIC-PrPsPjP»C₁IP»PsC₁C₁
PiCT₃Ps PsP±PsCT₃PsC,PSp_μ PiC-PrPIPēC%P_μPSPSC₁ PePsPSC†P_μPSC,CT₃P°C†C-C— P»C-C,C-CT₃
C₁ C₁PēCT₃PsPIP°C,C†C-B PeCT₃PsPIC- C,P° PN₂PsPiPs C,PsPeC₁PēC†PSC-C₁C,CH₃. P₄P_μ
CT₃P_μPePsPjP_μPSP₁C₁C,CH₃C₁C₁ P·P°C₁C,PsC₁C₁PIP°C,Pē PiP_μCT₃PēPSP₁PsPiCT₃PēP» P·
P»C-PeP°CT₃C₁CH₃PePēPjPē P·P°C₁PsP±P°PjPē P»C-C,C-CT₃. Pj CT₃P°P·C- PrPsPIP_μPrP_μPSPsC—
PSP_μPsP±C...C-PrPSPsC₁C,C- C,P°PePsPiPs PiCT₃PēP·PSP°C†P_μPSPSC₁
PsP±PsPiCT₃™ C₁IP·PePsPIPs C₁P»C-Pr CT₃P_μC,P_μP»CH₃PSPs PePsPSC,CT₃PsP»CT₃PIP°C,Pē
CT₃C-PIP_μPSC₁ P»C-C,C-CT₃ C₁ C₁PēCT₃PsPIP°C,C†C- PeCT₃PsPIC- (PrPēPI. PiC₁PSPeC,B
B«PhC₁PsP±P»PēPIPsC₁C,C- P·P°C₁C,PsC₁C₁PIP°PSPSC₁B»).

PhPrPSPsC†P°C₁PSP_μ P·P°C₁C,PsC₁C₁PIP°PSPSC₁, C%Ps PiPsC,CT₃P_μP±C₁C
PsC₁PsP±P»PēPIPsC— C₁PIP°PiPē.

P₄CT₃PsC,PēPrC-P°P±P_μC,PēC†PSC- P·P°C₁PsP±Pē (C-PSC₁C₁P»C-PS,
PiC-PiPsPiP»C-PeP_μPjC-C†PSC- P·P°C₁PsP±Pē PrP»C₁ PiP_μCT₃PsCT₃P°P»CH₃PSPsPiPs
P·P°C₁C,PsC₁C₁PIP°PSPSC₁).

P P_μP·C₁P»CH₃C,P°C,Pē P_μPiC-PrP_μPjC-PsP»PsPiC-C†PSPēC... PrPsC₁P»C-PrP₁P_μPSC₁
C₁PIC-PrC†P°C,CH₃ PiCT₃Ps C,P_μ, C%Ps PsPrPSPsC†P°C₁PSP_μ P·P°C₁C,PsC₁C₁PIP°PSPSC₁
C-PSiC-P±C-C,PsCT₃C-PI P₃P₄P_α C,P° PiCT₃PsC,PēPrC-P°P±P_μC,PēC†PSPēC... P·P°C₁PsP±C-PI
(C-PSC₁C₁P»C-PS, PiC-PiPsPiP»C-PeP_μPjC-C†PSC- P·P°C₁PsP±Pē PrP»C₁B
PiP_μCT₃PsCT₃P°P»CH₃PSPsPiPs P·P°C₁C,PsC₁C₁PIP°PSPSC₁) PjPsP₁P_μ PiPsC₁PēP»PēC,Pē
C†C₁PeCT₃PsP·PSPēP₁C₁PIP°P»CH₃PSPēPN₂ P_μC,,P_μPeC, C-P· CT₃PēP·PēPePsPj CT₃PsP·PIPēC,PeC₁
PiC-PiPsPiP»C-PeP_μPjC-C—. P' C-CT₃PsPiC-PrPSC-C₁P_μ, C%Ps C†P_μ C₁PIPēC%P_μB PjPsP₁P_μ
PIPēPSPēPeP°C,Pē PI PiP°C†C-C" PSC,C-PI C₁ PiP_μCT₃C₁C- C,PēP₁PSC-
PePsPjP±C-PSPsPIP°PSPsPiPs P»C-PeC₁PIP°PSPSC₁ C,P° C₁ PiP°C†C-C" PSC,C-PI P·
PSPēCT₃PePsPIPsCT₃ PSP_μPrPsC₁C,P°C,PSC-C₁C,CH₃.

P'P°PeP»PsC,,P_μPS PiPsC₁PēP»CT₃C P°PSC,PēPiC-PiP_μCT₃C,P_μPSP·PēPIPsPēPN₂ P_μC,,P_μPeC,,
P₄P_μPsP±C...C-PrPSPs PePsPSC,CT₃PsP»CT₃PIP°C,Pē P°CT₃C,P_μCT₃C-P°P»CH₃PSPēPN₂ C,PēC₁Pe
C-, C₁ CT₃P°P·C- PSP_μPsP±C...C-PrPSPsC₁C,C-, PePsCT₃P_μPiC₁PIP°C,Pē PrPsP·C₁
P°PSC,PēPiC-PiP_μCT₃C,P_μPSP·PēPIPsPēPN₂ P·P°C₁PsP±C₁.

P'C-C₁CT₃P_μC,PēPePē. Pj PiP°C†C-C" PSC,C-PI, C₁PeC- PiCT₃PēPN₂PjP°CT₃C,CH₃
PrC-C₁CT₃P_μC,PēPePē, C,P° PsC₁PsP±P»PēPIPs C₁ C,PēC..., C₁ PePsPiPs PiPsCT₃C₁C₁P_μPSPēPN₂
PIPsPrPSPs-P_μP»P_μPeC,CT₃PsP»C-C,PSPēPN₂ PsP±PjC-PS, PjPsP₁P»PēPIPs PSP°PrPjC-CT₃PSP_μ
P·PSPēP₁P_μPSPSC₁ P°CT₃C,P_μCT₃C-P°P»CH₃PSPsPiPs C,PēC₁PeC₁ PiC-C₁P»C₁ PiPsC†P°C,PeC₁
P»C-PeC₁PIP°PSPSC₁ C-PSiC-P±C-C,PsCT₃PsPj P₃P₄P_α. P†PjPsPIC-CT₃PSC-C₁C,CH₃
CT₃PsP·PIPēC,PeC₁ PiC-PiPsC,P_μPSP·PēPIPsPēPN₂ P_μC,,P_μPeC,C₁ PjPsP₁P_μ P±C₁C,Pē
P·PSPēP₁P_μPSP° C₁P»C₁C...PsPj PIC-PrPjC-PSPē PiCT₃PēPN₂PsPjC₁ PrC-C₁CT₃P_μC,PēPeP°,
PiC-PrPIPēC%P_μPSPSC₁ PsP±P₃™ C" PjC₁ C†PēCT₃PeC₁P»CT₃CT₃C†PsC— PeCT₃PsPIC- P°P±Ps
C₁PiPsP₁PēPIP°PSPSC₁ C₁PsP»C- PiP_μCT₃P_μPr PiPsC†P°C,PePsPj C,P_μCT₃P°PiC-C—
PiP_μCT₃PēPSP₁PsPiCT₃PēP»PsPj, C₁PeC₁ C₁P»C-Pr CT₃PsP·PiPsC†PēPSP°C,Pē P· PSPēP·CH₃PePsC—
PrPsP·Pē, PiPsC₁C,C₁PiPsPIPs C—C— PiC-PrPIPēC%CrCT₃C†Pē. P₄CT₃Pē
P°CT₃C,P_μCT₃C-P°P»CH₃PSC-PN₂ PiC-PiP_μCT₃C,P_μPSP·C-C—, PePsP»Pē PiPsPiP_μCT₃P_μPrPSC₁Ps
PiCT₃PēP·PSP°C†P_μPSPēPN₂ PrC-C₁CT₃P_μC,PēPe PjC-Pi C₁PiCT₃PēC†PēPSPēC,Pē
PSP_μPrPsC₁C,P°C,PSC-C₁C,CH₃ PIPsPrPē/P_μP»P_μPeC,CT₃PsP»C-C,C-PI, PN₂PsPiPs
PSP_μPsP±C...C-PrPSPs PIC-PrPjC-PSPēC,Pē PiP_μCT₃P_μPr PiPsC†P°C,PePsPj P»C-PeC₁PIP°PSPSC₁
C-PSiC-P±C-C,PsCT₃PsPj P₃P₄P_α (C₁ C,P°PePēC... PIPēPiP°PrPeP°C... PiCT₃PēPN₂PsPj
PrC-C₁CT₃P_μC,PēPeP° PjPsP₁P_μ P±C₁C,Pē PiPsPSPsPIP»P_μPSPs P· C†P°C₁PsPj) P°P±Ps
PiCT₃PēP·PSP°C†PēC,Pē C-PSiC-P±C-C,PsCT₃ P₃P₄P_α C₁ PSPēP·CH₃PeC-PN₂ PrPsP·C-,

PhPSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSC- P·P°CÍPsP±Pë C, P° PIP°P·PsPrPëP»P°C, P°C, PsCḡPë:
PsPrPSPsC±P°CÍPSPμ P·P°CÍC, PsCÍCÍPIP°PSPSCÍ P°PSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSPëC...
P·P°CÍPsP±C-PI PjPsP¶Pμ PiC-PrPIPëC%PëC, Pë PiC-PiPsC, PμPSP·PëPIPSPëPñ PμC,, PμPeC,
PiPμCḡPëPSPPrPsPiCḡPëP»CÍ. PhPrPSPsC±P°CÍPSPμ P·P°CÍC, PsCÍCÍPIP°PSPSCÍ P·
PSC-C, CḡPsPiP»C-C±PμCḡPëPSPsPj C, P° C-PSCëPëPjPë PSC-C, CḡP°C, P°PjPë P°P±Ps P·
C-PSCëPëPjPë PIP°P·PsPrPëP»P°C, P°C, PsCḡP°PjPë PjPsP¶Pμ CÍPiCḡPëCÍC, Pë
PrPsPrP°C, PePsPIPsPjCÍ P·PSPëP¶PμPSPSCḡ P°CḡC, PμCḡC-P°P»CHPSPsPiPs C, PëCÍPeCÍ.

PhPrPSPsC±P°CÍPSPμ P·P°CÍC, PsCÍCÍPIP°PSPSCÍ PrPμCÍPePëC...
C, CḡPëC±PëPeP»C-C±PSPëC... P°PSC, PëPrPμPiCḡPμCÍP°PSC, C-PI P°P±Ps
P°PSC, PëPiCÍPëC... PsC, CḡPsPiPSPëC... P·P°CÍPsP±C-PI, P°P±Ps P°PSPμCÍC, PμC, PëPeC-PI P·
C-PSPiC-P±C-C, PsCḡP°PjPë PhPμPα PjPsP¶Pμ PiCḡPëP·PIPμCÍC, Pë PrPs PiPsPrP°P»CHCëPsPiPs
P·PSPëP¶PμPSPSCÍ P°CḡC, PμCḡC-P°P»CHPSPsPiPs C, PëCÍPeCÍ (PrPëPI. CḡPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCÍPIP°PSPSCÍB»).

PŸPëPjPiP°C, PsPjC-PjPμC, PëPePë PjPsP¶CÍC, CH PiPsCÍP»P°P±P»CÍC, Pë
P°PSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSCÍ PrC-Cḡ C-PSPiC-P±C-C, PsCḡC-PI PhPμPα.

P—PsP»PsC, Ps: PSC-C, CḡP°C, PsPiPsPrC-P±PSP° CḡPμP°PeC†C-CÍ (CÍPëPjPiC, PsPjPë:
PiPsC±PμCḡPIPSPSC-PSPSCÍ PsP±P»PëC±C±CÍ, PSCÍPrPsC, P°, P±P»CḡPIP°PSPSCÍ
C, P° P°CḡC, PμCḡC-P°P»CHPSP° PiC-PiPsC, PμPSP·C-CÍ) P·CÍCÍC, CḡC-C±P°P»P°CÍCÍ
CḡC-PrPePs CÍ PiP°C†C-C"PSC, C-PI, CÍPeC- PsPrPSPsC±P°CÍPSPs PiCḡPëPñPjP°P»Pë
C-PSPiC-P±C-C, PsCḡPë PhPμPα, PIPeP»CḡC±P°CḡC±Pë PiPμCḡPëPSPPrPsPiCḡPëP», C, P°
C-PSBḡ™C"P°PeC†C-PñPSC- P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë P·PsP»PsC, P°
(PSP°C, CḡC-Cḡ P°CÍCḡPsC, C-PsPjP°P»P°C,).

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

PŸC, P°P±C-P»CHPSP° C-CëPμPjC-C±PSP° C...PIPsCḡPsP±P° CÍPμCḡC†CÍ. Pj PIPëPiP°PrPeCÍ,
CÍPeC%Ps PiCḡPsC, CÍPiPsPj PiPμCḡCëPsPiPs PjC-CÍCÍC†CÍ P»C-PeCÍPIP°PSPSCÍ
PiPμCḡPëPSPPrPsPiCḡPëP»PsPj PIC-PrP±CÍPICÍCÍ PμPiC-P·PsPr PSPμCÍC, P°P±C-P»CHPSPsC—
CÍC, PμPSPsPeP°CḡPrC-C— (P±CÍPrCH-CÍPePsC— C, CÍP¶PePsCÍC, C-), PSPμPsP±C...C-PrPSPs
CḡPμC, PμP»CHPSPs P·PIP°P¶PëC, Pë CÍPiC-PIPIC-PrPSPsCëPμPSPSCÍ
CḡPëP·PëPe/PePsCḡPëCÍC, CH PiPμCḡPμPr C, PëPj CÍPe PIPëCḡC-CëCÍPIP°C, Pë
PiPëC, P°PSPSCÍ PiCḡPs PiCḡPsPrPsPIP¶PμPSPSCÍ C, PμCḡP°PiC-C—.

PhCḡC, PμCḡC-P°P»CHPSP° PiC-PiPsC, PμPSP·C-CÍ. PμCḡPëPñPsPj C-PSPiC-P±C-C, PsCḡC-PI
PhPμPα PjPsP¶Pμ CÍPiCḡPëC±PëPSPëC, Pë P·PSPëP¶PμPSPSCÍ P°CḡC, PμCḡC-P°P»CHPSPsPiPs
C, PëCÍPeCÍ. PŸPëPjPiC, PsPjP°C, PëC±PSP° P°CḡC, PμCḡC-P°P»CHPSP° PiC-PiPsC, PμPSP·C-CÍ
CÍPiPsCÍC, PμCḡC-PiP°C"C, CHCÍCÍ CḡC-PrCëPμ CÍ PiP°C†C-C"PSC, C-PI P·
PSPμCÍCÍPeP»P°PrPSPμPSPsCḡ P°CḡC, PμCḡC-P°P»CHPSPsCḡ PiC-PiPμCḡC, PμPSP·C-C"Cḡ
C, P° C" P±C-P»CHCë PIC-CḡPsPiC-PrPSPsCḡ CÍ PiP°C†C-C"PSC, C-PI P·
PiC-PiPsPIPsP»PμPjC-C"Cḡ, CÍ C, PëC..., C...C, Ps PiCḡPëPñPjP°C" PrC-CÍCḡPμC, PëPePë,
P·PSP°C...PsPrPëC, CHCÍCÍ PSP° PrC-C"C, C- P· PsP±PjPμP¶PμPSPSCÍPj PeC-P»CHPePsCÍC, C-
CÍPsP»C-, CÍ PiP°C†C-C"PSC, C-PI PSP° PrC-P°P»C-P·C-, CÍ PiP°C†C-C"PSC, C-PI P·
PrC-P°CḡPμC"Cḡ P°P±Ps P±P»CḡPIP°PSPSCÍPj, P°P±Ps CÍ PiP°C†C-C"PSC, C-PI C-P·
C, CÍP¶PePsCḡ CḡPμPSC-PS-P·P°P»PμP¶PSPsCḡ P°CḡC, PμCḡC-P°P»CHPSPsCḡ
PiC-PiPμCḡC, PμPSP·C-C"Cḡ (PrPëPI. CḡPsP·PrC-P»Pë B«P'P·P°C"PjPsPrC-CÍ P· C-PSCëPëPjPë
P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C, P° C-PSCëC- PIPëPrPë PIP·P°C"PjPsPrC-PñB»

C, P° B«PμPsP±C-C±PSC- CḡPμP°PeC†C-C—B»). PŸPëPjPīC, PsPjP°C, PëC±PSP°
P°CḡC, PμCḡC-P°P»CHbPSP° PiC-PīPsC, PμPSP·C-Cḡ CḡPīPsCḡC, PμCḡC-PiP°P»P°CḡCḡ Cḡ
PīP°C†C-C”PSC, C-PI C-P· CḡPëPjPīC, PsPjP°C, PëC±PSPsCḡ CḡPμCḡC†PμPIPsCḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ, C-P· CḡCḡPīCḡC, PSCHbPsCḡ PSPëCḡPePsPIPsCḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ P°P±Ps P±PμP· PSPμC—. P’PëPSPëPePSPμPSPSCḡ
CḡPëPjPīC, PsPjP°C, PëC±PSPsC— P°CḡC, PμCḡC-P°P»CHbPSPsC— PiC-PīPsC, PμPSP·C-C—
PSP°PNëP±C-P»CHbC€ PIC-CḡPsPiC-PrPSPμ Cḡ PīP°C†C-C”PSC, C-PI P· P±C-P»CHbC€
C, CḡPḡPëPëPj CḡC, CḡPīPμPSPμPj CḡPμCḡC†PμPIPsC— PSPμPrPsCḡC, P°C, PSPsCḡC, C-, CḡPeC-
PīCḡPëPNëPjP°CḡC, CHb PIPμP»PëPeC- PrPsP·Pë PīPμC, P»CHbPsPIPëC... PrC-CḡCḡPμC, PëPeC-PI,
PjP°CḡC, CHb PiC-PīPsPSP°C, CḡC-C”PjC-Cḡ P°P±Ps PSPëCḡPePsPICḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, CHb C,, CḡPSPeC†C-PsPSP°P»CHbPSPsPiPs C...P°CḡP°PeC, PμCḡCḡ.
PμP°C†C-C”PSC, P°PjPë P· PiC-PrPIPëC%PμPSPëPj CḡPëP·PëPePsPjB
CḡPëPjPīC, PsPjP°C, PëC±PSPsC— P°CḡC, PμCḡC-P°P»CHbPSPsC— PiC-PīPsC, PμPSP·C-C— PSP°
PīPsC±P°C, PeCḡ C, PμCḡP°PīC-C— C, P° PSP° PμC, P°PīC- PiC-PrP±PsCḡCḡ PrPsP· PīPsPIPëPSPSC-
PīPμCḡPμP±CḡPIP°C, Pë PiC-Pr CḡPμC, PμP»CHbPSPëPj PSP°PiP»CḡPrPsPj P»C-PeP°CḡCḡ
(PrPëPI. CḡPsP·PrC-P»Pë B«PŸPīPsCḡC-P± P·P°CḡC, PsCḡCḡPIP°PSPSCḡ C, P° PrPsP·PëB» C, P°
B«PμPsP±C-C±PSC- CḡPμP°PeC†C-C—B»). PŸP°PeC- CḡP°PjC- P·P°CḡC, PμCḡPμPḡPμPSPSCḡ
CḡC, PsCḡCḡCḡ, CHbCḡCḡ PīP°C†C-C”PSC, C-PI P· P†PḡPŸ P°P±Ps
C†PμCḡPμP±CḡPsPIP°CḡPeCḡP»CḡCḡPSPëPjPë P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë, Cḡ
CḡPePëC... PSP°PrPjC-CḡPSPμ P·PSPëPḡPμPSPSCḡ P°CḡC, PμCḡC-P°P»CHbPSPsPiPs C, PëCḡPeCḡ
PjPsPḡPμ CḡPīCḡPëC±PëPSPëC, Pë PIPëPSPëPePSPμPSPSCḡ C-PSC,, P°CḡPeC, Cḡ
PjC-PsPeP°CḡPrP° P°P±Ps C-PSCḡCḡP»CHbC, Cḡ.

PμCḡPë PIPëPSPëPePSPμPSPSC- P°CḡC, PμCḡC-P°P»CHbPSPsC— PiC-PīPsC, PμPSP·C-C—
PīP°C†C-C”PSC, Cḡ CḡP»C-Pr PSP°PrP°C, Pë PiPsCḡPëP·PsPSC, P°P»CHbPSPμ
PīPsP»PsPḡPμPSPSCḡ C, P° Cḡ CḡP°P·C- PSPμPsP±C...C-PrPSPsCḡC, C- PIPiPμCḡC, Pë
PIPSCḡC, CḡC-C€PSCHbPsPIPμPSPSPs 0,9 % (9 PjPi/PjP») CḡPsP·C±PëPS PSP°C, CḡC-Cḡ
C...P»PsCḡPëPrCḡ. PŸCḡP°PSP·PëC, PsCḡPSP° PiC-PīPsC, PμPSP·C-Cḡ PSPμ C”
PīCḡPsC, PëPiPsPeP°P·P°PSPSCḡPj PrP»Cḡ PīPsPrP°P»CHbC€PsPiPs P·P°CḡC, PsCḡCḡPIP°PSPSCḡ
P»C-PeP°CḡCḡPePëC... P·P°CḡPsP±C-PI, CḡPeC- P·P°P·PIPëC±P°PNë PjPsPḡPSP°
P·P°CḡC, PsCḡPsPICḡPIP°C, Pë P±PμP· P±CḡPrCHb-CḡPePëC... PīPμCḡPμC€PePsPr PīC-CḡP»Cḡ
PIC-PrPSPsPIP»PμPSPSCḡ PsP±bḡ™ C”PjCḡ PeCḡPsPIC- C, P° PīC-PrPIPëC%PμPSPSCḡ
P°CḡC, PμCḡC-P°P»CHbPSPsPiPs C, PëCḡPeCḡ.

Pj PrPμCḡPePëC... PīP°C†C-C”PSC, C-PI C-P· P·P°CḡC, C-PNëPSPsCḡ CḡPμCḡC†PμPIPsCḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ P· PSPsCḡPjP°P»CHbPSPëPj P°P±Ps P·PSPëPḡPμPSPëPj
P°CḡC, PμCḡC-P°P»CHbPSPëPj C, PëCḡPePsPj PīPμCḡPëPSPPrPsPīCḡPëP»Cḡ C, PμCḡC,-
P±CḡC, PëP»P°PjC-PS PjPsPḡPμ CḡPīCḡPëC±PëPSPëC, Pë PrPsPrP°C, PePsPIPμ P·PSPëPḡPμPSPSCḡ
CḡPëCḡC, PμPjPSPsPiPs P°CḡC, PμCḡC-P°P»CHbPSPsPiPs C, PëCḡPeCḡ. PīPμPNë PμC,, PμPeC, C”
PīPμCḡPμPrP±P°C±CḡPIP°PSPëPj C- P·P°P·PIPëC±P°PNë PSPμ PīPsC, CḡPμP±CḡC” PIC-PrPjC-PSPë
P»C-PeP°CḡCḡPePsPiPs P·P°CḡPsP±Cḡ. PīPeC%Ps P°CḡC, PμCḡC-P°P»CHbPSP°
PiC-PīPsC, PμPSP·C-Cḡ CḡC, P°C” CḡPëPjPīC, PsPjP°C, PëC±PSPsCḡ, PjPsPḡPμ
P·bḡ™ CḡPIPëC, PëCḡCḡ PSPμPsP±C...C-PrPSC-CḡC, CHb P·PSPëPḡPμPSPSCḡ PrPsP·Pë P°P±Ps
PIC-PrPjC-PSPë P»C-PeP°CḡCḡPePsPiPs P·P°CḡPsP±Cḡ.

PŸC, PμPSPsP· P°PsCḡC, P°P»CHbPSPsPiPs C, P° PjC-C, CḡP°P»CHbPSPsPiPs
PeP»P°PīP°PSC-PI/PiC-PīPμCḡC, CḡPsC,, C-C±PSP° PeP°CḡPrC-PsPjC-PsPīP°C, C-Cḡ. PīPe C-
C-PSC€C- C-PSPiC-P±C-C, PsCḡPë PḡPμPα, PīPμCḡPëPSPPrPsPīCḡPëP»Cḡ C, PμCḡC,-
P±CḡC, PëP»P°PjC-PS CḡP»C-Pr PīCḡPëP·PSP°C±P°C, Pë P· PsP±PμCḡPμPḡPSC-CḡC, Cḡ
PīP°C†C-C”PSC, P°Pj P·C- CḡC, PμPSPsP·PsPj PjC-C, CḡP°P»CHbPSPsPiPs PeP»P°PīP°PSP° P°P±Ps
PsP±CḡC, CḡCḡPeC†C-C”Cḡ PIPëC...PsPrCḡ P· P»C-PIPsPiPs C€P»CḡPSPsC±PeP°

(P°PsCḥC,P°P»CHḖPSPëPNḖ CÍC,PμPSPsP· P°P±Ps PiC-PiPμCḥC,CḥPsC,,C-C±PSP°
PeP°CḥPrC-PsPjC-PsPiP°C,C-CḒ).

PμPsCḥCÍC€PμPSPSCḒ C,,CÍPSPeC†C-C— PSPëCḥPsPe.

PJ PIPëPiP°PrPeCÍ PSPëCḥPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C- (PeP»C-CḥPμPSCÍ
PeCḥPμP°C,PëPSC-PSCÍ < 60 PjP»/C...PI) PiPsC±P°C,PePsPICÍ PrPsP·CÍ
PiPμCḥPëPSPPrPsPiCḥPëP»CÍ CÍP»C-Pr PiCḥPëP·PSP°C±P°C,Pë PIC-PrPiPsPIC-PrPSPs
PrPs PeP»C-CḥPμPSCÍCÍ PeCḥPμP°C,PëPSC-PSCÍ PiP°C†C-C”PSC,P° (PrPëPI.
CḥPsP·PrC-P» B«PÿPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCḒ C,P° PrPsP·PëB»), P° PrP°P»C-
Bḥ“ P·P°P»PμP¶PSPs PIC-Pr PIC-PrPiPsPIC-PrC- PiP°C†C-C”PSC,P° PSP° P»C-PeCÍPIP°PSPSCḒ.
P PμPiCÍP»CḒCḥPSPëPNḖ PjPsPSC-C,PsCḥPëPSPi PeP°P»C-Cḥ C,P° PeCḥPμP°C,PëPSC-PSCÍ C”
C±P°CÍC,PëPSPsCḥ P·PIPëC±P°PNḖPSPsC— PjPμPrPëC±PSPsC— PiCḥP°PeC,PëPePë PrP»CḒ
C,P°PePëC... PiP°C†C-C”PSC,C-PI (PrPëPI. CḥPsP·PrC-P» B«PμPsP±C-C±PSC-
CḥPμP°PeC†C-C-B»).

PJ PiP°C†C-C”PSC,C-PI C-P· CÍPëPjPiC,PsPjP°C,PëC±PSPsCḥ CÍPμCḥC†PμPIPsCḥ
PSPμPrPsCÍC,P°C,PSC-CÍC,Cḥ P°CḥC,PμCḥC-P°P»CHḖPSP° PiC-PiPsC,PμPSP·C-CḒ, C°Ps
PIPëPSPëPeP°C” PSP° PiPsC±P°C,PeCÍ P·P°CÍC,PsCÍCÍPIP°PSPSCḒ C-PSPiC-P±C-C,PsCḥC-PI
PḥPμPḥ, PjPsP¶Pμ PiCḥPëP·PIPμCÍC,Pë PrPs PiPsCḥCÍC€PμPSPSCḒ C,,CÍPSPeC†C-C—
PSPëCḥPsPe,B CÍ PrPμCḒPePëC... PIPëPiP°PrPeP°C... Bḥ“ C-P· PIPëPSPëPePSPμPSPSCḒPj
PiPsCÍC,CḥPsC— PSPëCḥPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-, CḒPeP°
P·P°P·PIPëC±P°PNḖ C” PsP±PsCḥPsC,PSPsCḥ.

PJ PrPμCḒPePëC... PiP°C†C-C”PSC,C-PI P· PrPIPsP±C-C±PSPëPj CÍC,PμPSPsP·PsPj
PSPëCḥPePsPIPëC... P°CḥC,PμCḥC-PNḖ P°P±Ps CÍC,PμPSPsP·PsPj P°CḥC,PμCḥC-C—
C”PrPëPSPsC— PSPëCḥPePë PiCḥPë P·P°CÍC,PsCÍCÍPIP°PSPSC- C-PSPiC-P±C-C,PsCḥC-PI
PḥPμPḥ CÍPiPsCÍC,PμCḥC-PiP°P»PsCÍCḒ P·P±C-P»CHḖC€PμPSPSCḒ CḥC-PIPSCḒ
CÍPμC±PsPIPëPSPë PeCḥPsPIC- C,P° PeCḥPμP°C,PëPSC-PSCÍ PI CÍPëCḥPsPIP°C,C†C-
PeCḥPsPIC-, CḒPeC- P·P°P·PIPëC±P°PNḖ PiPsPIPμCḥC,P°P»PëCÍCḒ PrPs PSPsCḥPjPë PiC-CÍP»CḒ
PiCḥPëPiPëPSPμPSPSCḒ P»C-PeCÍPIP°PSPSCḒ. PiPμ PsCÍPsP±P»PëPIPs
CÍC,PsCÍCÍC”C,CHḖCÍCḒ PiP°C†C-C”PSC,C-PI C-P· PSPëCḥPePsPIPsCḥ
PSPμPrPsCÍC,P°C,PSC-CÍC,Cḥ. PμCḥPë PSP°CḒPIPSPsCÍC,C- CÍCÍPiCÍC,PSCHḖPsC—
CḥPμPSPsPIP°CÍPeCÍP»CḒCḥPSPsC— PiC-PiPμCḥC,PμPSP·C-C— CḥPëP·PëPe
PIPëPSPëPePSPμPSPSCḒ C,CḒP¶PePsC— P°CḥC,PμCḥC-P°P»CHḖPSPsC— PiC-PiPsC,PμPSP·C-C—
C,P° PSPëCḥPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C- PiC-PrPIPëC°CÍC”C,CHḖCÍCḒ. P”P»CḒ
C,P°PePëC... PiP°C†C-C”PSC,C-PI P»C-PeCÍPIP°PSPSCḒ CÍP»C-Pr CḥPsP·PiPsC±PëPSP°C,Pë
PiC-Pr CḥPμC,PμP»CHḖPSPëPj CÍPiPsCÍC,PμCḥPμP¶PμPSPSCḒPj P»C-PeP°CḥCḒ P·
PjP°P»PμPSCHḖPePëC... PrPsP·, PsP±PμCḥPμP¶PSPs C,PëC,CḥCÍCḥC±Pë PrPsP·Pë.
P’CḥP°C...PsPICÍCḥC±Pë PIPëC°PμCÍPeP°P·P°PSPμ, P»C-PeCÍPIP°PSPSCḒ
PrC-CÍCḥPμC,PëPeP°PjPë PjPsP¶Pμ CÍPiCḥPëC±PëPSPëC,Pë PIPëPSPëPePSPμPSPSCḒ
P°CḥC,PμCḥC-P°P»CHḖPSPsC— PiC-PiPsC,PμPSP·C-C—, C,PsPjCÍ C—C... PiPsC,CḥC-P±PSPs
PIC-PrPjC-PSPëC,Pë C,P° PiCḥPsPIPsPrPëC,Pë PjPsPSC-C,PsCḥPëPSPi C,,CÍPSPeC†C-C—
PSPëCḥPsPe CÍ PiPμCḥC€C- C,PëP¶PSC- P»C-PeCÍPIP°PSPSCḒ PiPμCḥPëPSPPrPsPiCḥPëP»CÍ
C,PμCḥC,-P±CÍC,PëP»P°PjC-PSCÍ.

PJ PrPμCḒPePëC... PiP°C†C-C”PSC,C-PI P· P°CḥC,PμCḥC-P°P»CHḖPSPsCḥ
PiC-PiPμCḥC,PμPSP·C-C”Cḥ, CÍ CḒPePëC... PrPs PiPsC±P°C,PeCÍ P»C-PeCÍPIP°PSPSCḒ PSPμ
P±CÍP»Ps PIPëCḒPIP»PμPSPs CḥPμPSPsPIP°CÍPeCÍP»CḒCḥPSPëC...
P·P°C...PIPsCḥCḥPIP°PSCHḖ, PIC-PrP±CÍPIP°P»PsCÍCḒ PiC-PrPIPëC°PμPSPSCḒ
CÍPμC±PsPIPëPSPë PeCḥPsPIC- C,P° PeCḥPμP°C,PëPSC-PSCÍ CÍPëCḥPsPIP°C,PePëB

PeCḡPsPIC-, P·P°P·PIPëC±P°PNë PSPµP·PSP°C±PSPµ C,P° C,PëPjC±P°CḡPsPIPµ, PsCḡPsP±P»PëPIPs
PePsP»Pë PīPµCḡPëPSPrPsPīCḡPëP»Cḡ C,PµCḡC,-P±CḡC,PëP»P°PjC-PS PīCḡPëP·PSP°C±P°P»Pë
PsPrPSPSc±P°CḡPSPs P· PrC-CḡCḡPµC,PëPePsPj. PhP»Pµ CḡPµ P±C-P»CHC€
C...P°CḡP°PeC,PµCḡPSPs PrP»Cḡ PīP°CḡC-C”PSC,C-PI P· CḡPḡPµ C-CḡPSCḡCḡC±PsCḡ
PSPëCḡPePsPIPsCḡ PSPµPrPsCḡC,P°C,PSC-CḡC,Cḡ. PḡPsPḡPµ P±CḡC,Pë
PSPµPsP±C...C-PrPSPëPj P·PSPëPḡPµPSPSCḡ PrPsP·Pë C,P°/P°P±Ps PIC-PrPjC-PSP°
PrC-CḡCḡPµC,PëPeP° C,P°/P°P±Ps PīPµCḡPëPSPrPsPīCḡPëP»Cḡ C,PµCḡC,-
P±CḡC,PëP»P°PjC-PSCḡ.

PµP°CḡC-C”PSC,Pë, CḡPeC- PīPµCḡPµP±CḡPIP°CḡC,Cḡ PSP° PīPµPjPsPrC-P°P»C-P·C-.
PµPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PIPëPīP°PrPePë PIPëPSPëPePSPµPSPSCḡ
P°PSP°C,,C-P»P°PeC,PsC—PrPSPëC... CḡPµP°PeCḡC-PNë Cḡ PīP°CḡC-C”PSC,C-PI, CḡPeC-
PīCḡPëPNëPjP°P»Pë C-PSPiC-P±C-C,PScḡPë PhPµPḡ PīC-Pr C±P°Cḡ PīPµCḡPµP±CḡPIP°PSPSCḡ
PSP° PīPµPjPsPrC-P°P»C-P·C- P· PIPëPePsCḡPëCḡC,P°PSPSCḡPj
PIPëCḡPsPePsPīCḡPsC,PSc±PSPëC... PjPµPjP±CḡP°PS. PḡP°PePëPj PīP°CḡC-C”PSC,P°Pj CḡP»C-Pr
P·P°CḡC,PScḡPsPICḡPIP°C,Pë C-PSC€PëPNë C,PëPī PrC-P°P»C-P·PSPëC... PjPµPjP±CḡP°PS
P°P±Ps PīCḡPëP·PSP°C±P°C,Pë P°PSC,PëPiC-PīPµCḡC,PµPSP·PëPIPSC- P·P°CḡPsP±Pë
C-PSC€PsPiPs PeP»P°CḡCḡ.

PµP°CḡC-C”PSC,Pë PīC-CḡP»Cḡ C,CḡP°PSCḡPīP»P°PSC,P°CḡC-C— PSPëCḡPePë. P”PsCḡPIC-Pr
C°%PsPrPs PīCḡPëP·PSP°C±PµPSPSCḡ PīPµCḡPëPSPrPsPīCḡPëP»Cḡ C,PµCḡC,-
P±CḡC,PëP»P°PjC-PSCḡ PīP°CḡC-C”PSC,P°Pj PīC-CḡP»Cḡ PSPµC°%PsPrP°PIPSPs
PīPµCḡPµPSPµCḡPµPSPsC— PsPīPµCḡP°CḡC-C— P· C,CḡP°PSCḡPīP»P°PSC,P°CḡC-C—
PSPëCḡPePë PIC-PrCḡCḡC,PSC-PNë.

P PµPSPsPIP°CḡPeCḡP»CḡCḡPSP° PīC-PīPµCḡC,PµPSP·C-Cḡ.

Pj CḡP°P·C- PīCḡPëP·PSP°C±PµPSPSCḡ C-PSPiC-P±C-C,PScḡC-PI PhPµPḡ PīP°CḡC-C”PSC,P°Pj
C-P· PrPIPsP±C-C±PSPëPj CḡC,PµPSPsP·PsPj PSPëCḡPePsPIPëC... P°CḡC,PµCḡC-PNë P°P±Ps
CḡC,PµPSPsP·PsPj P°CḡC,PµCḡC-C— C”PrPëPSPsC— C,,CḡPSPeCḡC-PsPSCḡCḡC±PsC—
PSPëCḡPePë PīC-PrPIPëC°%CḡC”C,CḡCḡCḡ CḡPëP·PëPe PIPëPSPëPePSPµPSPSCḡ
P°CḡC,PµCḡC-P°P»CHPSPsC— PīC-PīPsC,PµPSP·C-C— C,P° PSPëCḡPePsPIPsC—
PSPµPrPsCḡC,P°C,PSPsCḡC,C- (PrPëPI. CḡPsP·PrC-P» B«PµCḡPsC,PëPīPsPeP°P·P°PSPSCḡB»).

PḡPīCḡPëCḡC,P»PëPIPëPj C,,P°PeC,PsCḡPsPj PjPsPḡPµ P±CḡC,Pë P»C-PeCḡPIP°PSPSCḡ
PrC-CḡCḡPµC,PëPeP°PjPë. P’C,CḡP°C,P° C,,CḡPSPeCḡC-C— PSPëCḡPsPe PjPsPḡPµ
PīCḡPsCḡPIP»CḡC,PëCḡCḡ PjC-PSC-PjP°P»CHPSPëPjPë P·PjC-PSP°PjPë Cḡ CḡC-PIPSCḡ
PeCḡPµP°C,PëPSC-PSCḡ CḡPëCḡPsPIP°C,PePëB PeCḡPsPIC- PSP°PIC-C,Cḡ Cḡ
PīP°CḡC-C”PSC,C-PI P·C- CḡC,PµPSPsP·PsPj P°CḡC,PµCḡC-C— PsPrPSC-C”C— P· PSPëCḡPsPe.

P”C-PīPµCḡC±CḡC,P»PëPIC-CḡC,Cḡ/P°PSPiC-PsPSPµPICḡPsC,PëC±PSPëPNë PSP°P±CḡCḡPe.

PµPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs CḡC-PrPeC-CḡPSC- PIPëPīP°PrPePë
PIPëPSPëPePSPµPSPSCḡ P°PSPiC-PsPSPµPICḡPsC,PëC±PSPsPiPs PSP°P±CḡCḡPeCḡ
PsP±P»PëCḡCḡCḡ, PeC-PSCḡC-PIPsPe, PīCḡP±, CḡP»PëP·PsPIPëC... PsP±PsP»PsPSPsPe,
CḡP·PëPeP°, PiPsP»PsCḡPsPIPsC— C°%C-P»PëPSPë C,P°/P°P±Ps PiPsCḡC,P°PSC- Cḡ
PīP°CḡC-C”PSC,C-PI, PīC-Pr C±P°Cḡ P·P°CḡC,PScḡCḡPIP°PSPSCḡ C-PSPiC-P±C-C,PScḡC-PI
PhPµPḡ, Cḡ C,PSPjCḡ C±PëCḡP»C- PīPµCḡPëPSPrPsPīCḡPëP»Cḡ C,PµCḡC,-P±CḡC,PëP»P°PjC-PSCḡ
(PrPëPI. CḡPsP·PrC-P» B«PµPsP±C-C±PSC- CḡPµP°PeCḡC-C—B»). PḡPµ PjPsPḡPµ
CḡC,P°C,PëCḡCḡ P±CḡPrCHḡ-PePsP»Pë PīC-Pr C±P°Cḡ P»C-PeCḡPIP°PSPSCḡ. Pj C,P°PePëC...
PIPëPīP°PrPeP°C... PSPµPsP±C...C-PrPSPs C,PµCḡPjC-PSPsPIPs PIC-PrPjC-PSPëC,Pë
P»C-PeP°CḡCḡCHḡPePëPNë P·P°CḡC-P± C- PICḡC,P°PSPsPIPëC,Pë PIC-PrPīPsPIC-PrPSPëPNë
PSP°PiP»CḡPr P·P° CḡC,P°PSPsPj PīP°CḡC-C”PSC,P° PrPs PīPsPIPsPiPs P·PSPëPePSPµPSPSCḡ

$$\text{PhPrPSPsC}\ddagger\text{P}^{\circ}\text{C}\dot{\text{I}}\text{PSP}_{\mu}\text{P}\cdot\text{P}^{\circ}\text{C}\dot{\text{I}}\text{C},\text{PsC}\dot{\text{I}}\text{C}\dot{\text{I}}\text{PIP}^{\circ}\text{PSPSC}\dot{\text{I}}\text{P}\ddot{\text{I}}\text{P}_{\mu}\text{C}\dot{\text{H}}\text{P}\ddot{\text{e}}\text{PSP}\text{rPs}\ddot{\text{I}}\text{C}\dot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\rangle\text{C}\dot{\text{r}}\text{C}-\text{P}\cdot\text{C}\dot{\text{I}}\text{P}^{\circ}\text{PeC}\dot{\text{I}}\text{P}\pm\text{C}-\text{C},\text{C}\dot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\rangle\text{PsPj}/\text{PIP}^{\circ}\text{P}\rangle\text{C}\dot{\text{I}}\text{P}^{\circ}\text{C}\dot{\text{H}}\text{C},\text{P}^{\circ}\text{PSPsPj}\text{P}\ddot{\text{I}}\text{C}\dot{\text{H}}\text{PsC},\text{P}\ddot{\text{e}}\text{P}\ddot{\text{I}}\text{PsPeP}^{\circ}\text{P}\cdot\text{P}^{\circ}\text{PSP}_{\mu}$$

C#PμCḡPμP· PīC-PrPIPēC%oPμPSPēPNē CḡPēP·PēPe CḡPsP·PIPēC,PeCf
P°PSPiC-PsPSPμPICḡPsC,PēC#PSPsPiPs PSP°P±CḡCΠPeCf (PrPēPI. CḡPsP·PrC-P»
B«PμCḡPsC,PēPīPsPeP°P·P°PSPSCΠB»). P PsP·PīPsC#PēPSP°C,Pē P·P°CfC,PsCfCfPIP°PSPSCΠ
CfP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CfP°CḡC,P°PSCf CfP»C-Pr PSPμ CḡP°PSC-CēPμ PSC-P¶
C#PμCḡPμP· 36 PiPsPrPēPS PīC-CfP»CΠ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHPsC— PrPsP·Pē
PīPμCḡPēPSPPrPsPīCḡPēP»Cf. Pj CḡP°P·C- PīCḡPēPīPēPSPμPSPSCΠ P»C-PeCfPIP°PSPSCΠ
CfP°PeCfP±C-C,CḡPēP»PsPj/PIP°P»CfP°CḡC,P°PSPsPj C,PμCḡP°PīC-Cḡ
PīPμCḡPēPSPPrPsPīCḡPēP»PsPj CfP»C-Pr CḡPsP·PīPsC#PēPSP°C,Pē PSPμ CḡP°PSC-CēPμ PSC-P¶
C#PμCḡPμP· 36 PiPsPrPēPS PīC-CfP»CΠ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHPsC— PrPsP·Pē
CfP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CfP°CḡC,P°PSCf (PrPēPI. CḡPsP·PrC-P»Pē
B«PμCḡPsC,PēPīPsPeP°P·P°PSPSCΠB» C,P° B«P'P·P°C"PjPsPrC-CΠ P· C-PSCēPēPjPē
P»C-PeP°CḡCfCHPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C"PjPsPrC-PNēB»).

PḡPrPSPsC#P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCΠ C-PSPiC-P±C-C,PsCḡC-PI PḡPμPα P·
C-PSPiC-P±C-C,PsCḡP°PjPē PSPμPNēC,CḡP°P»CHPSPsC— PμPSPPrPsPīPμPīC,PēPrP°P·Pē (PḡP·Pμ)
(PSP°PīCḡPēPeP»P°Pr, C-P· CḡP°CfPμPeP°PrPsC,CḡPēP»PsPj), C-PSPiC-P±C-C,PsCḡP°PjPē
mTOR (PSP°PīCḡPēPeP»P°Pr, C-P· CfPēCḡPsP»C-PjCfCfPsPj, PμPIPμCḡPsP»C-PjCfCfPsPj,
C,PμPjCfPēCḡPsP»C-PjCfCfPsPj) C,P° PiP»C-PīC,PēPSP°PjPē (PSP°PīCḡPēPeP»P°Pr, C-P·
P»C-PSP°PiP»C-PīC,PēPSPsPj, CfP°PeCfP°PiP»C-PīC,PēPSPsPj, CfPēC,P°PiP»C-PīC,PēPSPsPj,
PIC-P»PrP°PiP»C-PīC,PēPSPsPj) PjPsP¶Pμ PīCḡPēP·PIPμCfC,Pē PrPs PīC-PrPIPēC%oPμPSPSCΠ
CḡPēP·PēPeCf CḡPsP·PIPēC,PeCf P°PSPiC-PsPSPμPICḡPsC,PēC#PSPsPiPs PSP°P±CḡCΠPeCf
(PSP°PīCḡPēPeP»P°Pr PSP°P±CḡCΠPeCf PrPēC...P°P»CHPSPēC... CēP»CΠC...C-PI P°P±Ps
CΠP·PēPeP°, P· PīPsCḡCfCēPμPSPSCΠPj C„CfPSPeCfC-C— PrPēC...P°PSPSCΠ P°P±Ps P±PμP·)
(PrPēPI. CḡPsP·PrC-P» B«P'P·P°C"PjPsPrC-CΠ P· C-PSCēPēPjPē P»C-PeP°CḡCfCHPePēPjPē
P·P°CfPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C"PjPsPrC-PNēB»). PŸP»C-Pr P·
PsP±PμCḡPμP¶PSC-CfC,Cḡ CḡPsP·PīPsC#PēPSP°C,Pē P»C-PeCfPIP°PSPSCΠ
CḡP°CfPμPeP°PrPsC,CḡPēP»PsPj, C-PSPiC-P±C-C,PsCḡP°PjPē mTOR (PSP°PīCḡPēPeP»P°Pr
CfPēCḡPsP»C-PjCfCfPsPj, PμPIPμCḡPsP»C-PjCfCfPsPj, C,PμPjCfPēCḡPsP»C-PjCfCfPsPj) C,P°
PiP»C-PīC,PēPSP°PjPē (PSP°PīCḡPēPeP»P°Pr P»C-PSP°PiP»C-PīC,PēPSPsPj,
CfP°PeCfP°PiP»C-PīC,PēPSPsPj, CfPēC,P°PiP»C-PīC,PēPSPsPj, PIC-P»PrP°PiP»C-PīC,PēPSPsPj)
PīP°CfC-C"PSC,C-PI, CΠPeC- PIP¶Pμ P·P°CfC,PsCfPsPICfCḡC,CH C-PSPiC-P±C-C,PsCḡPē
PḡPμPα.

PḡPSP°C„C-P»P°PeC,PsC—PrPSC- CḡPμP°PeCfC-C— PīC-Pr C#P°Cf PīP»P°P·PjP°C„PμCḡPμP·Cf
P»C-PīPsPīCḡPsC,PμC—PrC-PI PSPēP·CHPePsC— C%oC-P»CHPSPsCfC,C- (P·PμPḡP°).
P—CḡC-PrPeP° Cf PīP°CfC-C"PSC,C-PI, CΠPeC- PīCḡPēPNēPjP°CḡC,CH
C-PSPiC-P±C-C,PsCḡPē PḡPμPα PīC-Pr C#P°Cf PīCḡPsPIPμPrPμPSPSCΠ
PīP»P°P·PjP°C„PμCḡPμP·Cf P»C-PīPsPīCḡPsC,PμC—PrC-PI PSPēP·CHPePsC—
C%oC-P»CHPSPsCfC,C- (P·PμPḡP°) P· PIPēPePsCḡPēCfC,P°PSPSCΠPj
PrPμPeCfC,CḡP°PSCfCfP»CHC„P°C,Cf, PIPēPSPēPeP°P»Pē PSPμP±PμP·PīPμC#PSC-
PrP»CΠ P¶PēC,C,CΠ P°PSP°C„C-P»P°PeC,PsC—PrPSC- CḡPμP°PeCfC-C—.
P PsP·PIPēC,PeCf P°PSP°C„C-P»P°PeC,PsC—PrPSPēC... CḡPμP°PeCfC-PNē PjPsP¶PSP°
CfPSPēPePSCfC,Pē, CΠPeC%oPs PīPμCḡPμPr PīCḡPsPIPμPrPμPSPSCΠPj PePsP¶PSPsPiPs
PīP»P°P·PjP°C„PμCḡPμP·Cf C,PēPjC#P°CfPsIPs PīCḡPēPīPēPSCΠC,Pē
P»C-PeCfPIP°PSPSCΠ C-PSPiC-P±C-C,PsCḡP°PjPē PḡPμPα.

PḡPSP°C„C-P»P°PeC,PsC—PrPSC- CḡPμP°PeCfC-C— PīC-Pr C#P°Cf
PrPμCfPμPSCfPēP±C-P»C-P·CfCḡC#PsC— C,PμCḡP°PīC-C—. Pj PīP°CfC-C"PSC,C-PI, CΠPeC-
PīCḡPēPNēPjP°CḡC,CH C-PSPiC-P±C-C,PsCḡPē PḡPμPα PīC-Pr C#P°Cf
PrPμCfPμPSCfPēP±C-P»C-P·CfCḡC#PsPiPs P»C-PeCfPIP°PSPSCΠ (PSP°PīCḡPēPeP»P°Pr,
P»C-PeP°CḡCfCHPeC- P·P°CfPsP±Pē, C%oPs PjC-CfC,CΠC,CH P±PrP¶PsP»PēPSCf

PsC, C₇CrC, Cr) PjPsP₇CrC, CH PIP₆PSP₆PeP^oC, P₆ P^oPSP^oC, C-P₆»P^oPeC, PsC—PrPSC—
C₇P₆P^oPeC†C—C—, C₇PeC—P^oPiC₇PsP₇CrC₇C, CH P₇P₆C... C₇P₆P^oPeC†C—P₆
PjPsP₇PSP^o CrPSP₆PePSC₇C, P₆ PiC₇P₆ C, P₆PjC†P^oCrPsPIPsPjCr PiC₇P₆PiP₆PSP₆PSPSC—
P^oP^oCrC, PsC₇CrP^oPSPSC₇ C—PSPiC—P₆±C—C, PsC₇C—PI P₇P₆P₆, P^oP₆»P₆ C₇P₆P^oPeC†C—
PjPsP₇CrC, CH PIP₆PSP₆PePSC₇C, P₆ P^oPSPsPIC₇ PiC₇P₆ PSP₆PsP₆±P₆C₇P₆P₇PSPsPjCr
PiC₇PsPIPsP₆PrP₆PSPSC— PiC₇PsPIPsPeP^oC†C—P₆PSP₆C... PiC₇PsP₆.

P₆P₆C†C—PSPePsPIP^o PSP₆PrPsC₇C, P^oC, PSC—C₇C, CH. P C—PrPePs P^oP^oCrC, PsC₇CrP^oPSPSC₇
C—PSPiC—P₆±C—C, PsC₇C—PI P₇P₆P₆ P^oCrPsC†C—C₇PIP^oP₆»PsC₇C₇ P₆ PIP₆PSP₆PePSP₆PSPSC₇Pj
C₇P₆PSP₆Cr₇PsPjCr, C₇Ps C₇PsP₆PiPsC†P₆PSP^oC₇C, CHC₇C₇ P₆
C...PsP₆»P₆C₇C, P^oC, P₆C†PSPsC— P₇PsPIC, C₇PSP₆C†C— C— PiC₇PsPiC₇P₆C₇CrC₇ PrPs
C₆PIP₆PrPePsPiP₆»P₆PSPSPsPiPs PSP₆PeC₇PsP₆Cr PiP₆C†C—PSPeP₆, C—PSPePsP₆»P₆ P₆
P₆»P₆C, P^oP₆»CHPSP₆Pj PSP^oCrP₆»C—PrPePsPj. P₆P₆C...P^oPSC—P₆Pj C†CHPsPiPs C₇P₆PSP₆Cr₇PsPjCr
PSP₆C₇C₇PSP₆P₆.B P₆P^oC†C—C^oPSC, P^oPj, Cr C₇PeP₆C... PiC—Pr C†P^oCr PiC₇P₆P₆PsPjCr
C—PSPiC—P₆±C—C, PsC₇C—PI P₇P₆P₆ C₇PsP₆PIP₆PSC₇P₆»P^oCrC₇ P₇PsPIC, C₇PSP₆C†C₇B P^oP₆±Ps
C₇PiPsC₇C, P₆C₇C—PiP^oC₇C, CHC₇C₇ PiC—PrPIP₆C₇PsPSPSC₇ C₇C—PIPSC₇
PiP₆C†C—PSPePsPIP₆C... C₇, P₆C₇PjP₆PSC, C—PI, C₇P₆»C—Pr PiC₇P₆PiP₆PSP₆C, P₆ PiC₇P₆P₆PsPj
C—PSPiC—P₆±C—C, PsC₇P^o P₇P₆P₆ C, P^o P^oP₆±P₆P₆PiP₆C†P₆C, P₆ PIC—PrPiPsPIC—PrPSP₆
PjP₆PrP₆C†PSP₆ PsP₆±C₇C, P₆P₇P₆PSPSC₇ C— P₆»C—PeCrP^oPSPSC₇ (PrP₆PI. C₇PsP₆PrC—P₆»
B«P₆PsP₆±C—C†PSC— C₇P₆P^oPeC†C—C—B»).

P₆P₆P₆C, C₇PsPiP₆PSC—C₇/P^oPiC₇P^oPSC₇P₆»PsC†P₆C, PsP₆, C, C₇PsPjP₆±PsC†P₆C, PsPiP₆PSC—C₇
C, P^o P^oPSP₆PjC—C₇

P₇P₆C₇P₆Pr PiP^oC†C—C^oPSC, C—PI, C₇PeC— PiC₇P₆P₆PjP^oC₇C, CH C—PSPiC—P₆±C—C, PsC₇P₆
P₇P₆P₆, P₆CrP₆»Ps P^oP^oC₇P₆C^oCrC, C₇PsPIP^oPSPs PIP₆PiP^oPrPeP₆
PSP₆P₆C, C₇PsPiP₆PSC—C—/P^oPiC₇P^oPSC₇P₆»PsC†P₆C, PsP₆Cr,
C, C₇PsPjP₆±PsC†P₆C, PsPiP₆PSC—C— C, P^o P^oPSP₆PjC—C—. Pj PiP^oC†C—C^oPSC, C—PI P₆
PSPsC₇PjP^oP₆»CHPSPsC₇ C₇, CrPSPeC†C—C^oC₇ PSP₆C₇PsPe C, P^o PiC₇P₆
PIC—PrC₇CrC, PSPsC₇C, C— C—PSC₆PeC... C₇, P^oPeC, PsC₇C—PI C₇P₆P₆»P₆PeCr
PSP₆P₆C, C₇PsPiP₆PSC—C₇ PIP₆PSP₆PeP^oC₇ C₇C—PrPePs. P₆P₆C₇P₆PSP₆PrPsPiC₇P₆P₆» C₇P₆»C—Pr
PiC₇P₆P₆PSP^oC†P^oC, P₆ PrCrP₇P₆ PsP₆±P₆C₇P₆P₇PSPs PiP^oC†C—C^oPSC, P^oPj C—P₆B
PePsP₆»P₆PiP₆PSPsP₆PsPj, PiC—Pr C†P^oCr C, P₆C₇P^oPiC—C— C—PjCrPSPsC₇CrPiC₇P₆C₇PsC₇P^oPjP₆,
P^oP₆»PsPiC₇P₆PSPsP₆»PsPj P^oP₆±Ps PiC₇PsPeP^oC—PSP^oPjC—PrPsPj, P^oP₆±Ps PiC₇P₆
PiPsC^oPrPSP^oPSPSC— C†P₆C... PsP₆±C, C₇P₇P₆»P₆PIP₆C... C₇, P^oPeC, PsC₇C—PI, PsC₇PsP₆±P₆»P₆PIPs
C₇PeC₇Ps C^o PiPsC₇CrC₆P₆PSPSC₇ C₇, CrPSPeC†C—C— PSP₆C₇PsPe. Pj PrP₆PePsPiPs P₆
C, P^oPeP₆C... PiP^oC†C—C^oPSC, C—PI PIP₆P^oPSP^oC†P^oPiC₇C₇ C₇PsP₆PIP₆C, PsPe
C₇P₆C₇P₆P₆PsP₆PSP₆C... C—PSC₇, P₆PeC†C—P₆PSP₆C... P^oP^oC...PIPsC₇C₇PIP^oPSC₇, C₇PeC— PI
PrP₆PeC—P₆»CHPePsC... PIP₆PiP^oPrPeP^oC... PSP₆ PIC—PrPiPsPIC—PrP^oP₆»P₆ PSP^o
C—PSC, P₆PSC₇P₆PIPsC₇ P^oPSC, P₆P₆±C—PsC, P₆PePsC, P₆C₇P^oPiC—C₇. Pj C₇P^oP₆C—
P^oP^oCrC, PsC₇CrP^oPSPSC₇ PiP₆C₇P₆PSP₆PrPsPiC₇P₆P₆»Cr C, P^oPeP₆Pj PiP^oC†C—C^oPSC, P^oPj
C₇P₆PePsPjP₆PSP₆CrC^oC, CHC₇C₇ PiP₆C₇C—PsPrP₆C†PSPs PePsPSC, C₇PsP₆»CHPIP^oC, P₆
PeC—P₆»CHPeC—C₇C, CH P₆»P₆P₆PePsC†P₆C, C—PI Cr PeC₇PsPIC—. P₇P^oPePsP₇ PiP^oC†C—C^oPSC, P₆
PjP^oC₇C, CH P^oPSP^oC, P₆, C₇Ps PSP₆PsP₆±C...C—PrPSPs C₇PiPsPIC—C₇P^oC, P₆ PiC₇Ps
P₆±CrPrCH—C₇PeP₆P₆ PiC₇PsC₇PI C—PSC₇, P₆PeC†C—P₆PSPsPiPs P^oP^oC...PIPsC₇C₇PIP^oPSPSC₇
(P₆±C—P₆»CH Cr PiPsC₇P₆»C—, PiP^oC₇C₇C†PeCr).

P^oCrPsPIC— PsC₇PsP₆±P₆»P₆PIPsC₇C, C—, P†PSPiC—P₆±C—C, PsC₇P₆ P₇P₆P₆ C†P^oCrC, C—C₆P₆
C₇PiC₇P₆C†P₆PSC₇C, CH PIP₆PSP₆PePSP₆PSPSC₇ P^oPSPiC—PsPSP₆PiC₇PsC, P₆C†PSPsPiPs
PSP^oP₆±C₇C₇PeCr Cr PiP^oC†C—C^oPSC, C—PI PSP₆PiC₇PsC—PrPSPsC— C₇P^oCrP₆, PSC—P₇ Cr
PiP^oC†C—C^oPSC, C—PI C—PSC₆PeC... C₇P^oCr. P₆P₆C₇P₆PSP₆PrPsPiC₇P₆P₆», C₇Pe C— C—PSC₆C—
C—PSPiC—P₆±C—C, PsC₇P₆ P₇P₆P₆, PjP₆PSC₆ P₆C₇, P₆PeC, P₆PIPsPs P^oPSP₆P₇CrC^o

Р°СҖС,РµСҖС-Р°Р»СҖПСПёРНё С,РёСҖРё СҖ РёР°СҖС-С"РSC,С-PI PSPµРiСҖСµС—РrPSPsС—
СҖР°СҖРё, РSC-Р¶ СҖ РsСҖС-Р± С-РSCёРёС... СҖР°СҖ, С%Ps, РjРsР¶Р»РёРёРiРs,
РiРsСҖСҖРSCҖС,СҖСҖСҖСҖ PSPёР·СҖРёРёРj СҖС-PIPSµРj СҖРµPSC-РSCҖ СҖ РёСҖРsPIC-
РёР°СҖС-С"РSC,С-PI Р· Р°СҖС,РµСҖС-Р°Р»СҖПСПsСҖ РiС-РiРµСҖС,РµPSP·С-С"СҖ СҖ
СҖС-С"С— РiРsРiСҖР»СҖСҖС—.

РљР°СҖРµРµР»»СҖ. РµРsPIC-РrРsРjР»СҖР»РsСҖСҖ РiСҖРs РiРёPSPёРёPSPµPSPSCҖ
РёР°СҖР»»СҖ РSP° С,Р»С- С,РµСҖР°РiС-С— С-РSPiС-Р±С-С,РsСҖР°РjРё РҖРµРµ. Р—Р°
С...Р°СҖР°РёС,РµСҖРёСҖС,РёРёР°Р°РjРё РёР°СҖРµРµР»»СҖ С"
PSPµРiСҖРsРrСҖРёС,РёРiPSPёРj, СҖС,С-РNёРёРёРj С,Р° РiСҖРёРёРёPSCҖС,СҖСҖСҖСҖ
РiС-СҖР»»СҖ РiС-РrРjС-РSPё Р»С-РёР°СҖСҖСҖРёРёРs Р·Р°СҖРsР±СҖ.
РљР°СҖРµРµР»»СҖ, СҖРiСҖРёСҖРёСҖРёPSPµPSPёРНё РiСҖРёРёРНёРsРjРsРj
С-РSPiС-Р±С-С,РsСҖС-PI РҖРµРµ, РiРsС,СҖС-Р±PSPs РiСҖР°СҖ...РsРiСҖРiР°СҖ,Рё РiС-Рr
СҖР°СҖ РiСҖРsРiРµРµРµPSPSCҖ РrРёС,,РµСҖРµPSCҖС-РNёPSPsРiРs РrС-Р°РiPSPsР·СҖ
РёР°СҖР»»СҖ.

РµСҖРё С...С-СҖСҖСҖРiС-СҖPSPsРjСҖ РiС,СҖСҖСҖР°Р°PSPSC- Р°Р±Рs РiС-Рr СҖР°СҖ
РiСҖРsРiРµРµРµPSPSCҖ Р°PSPµСҖС,РµР·С— Р»С-РёР°СҖСҖСҖРёРёРjРё Р·Р°СҖРsР±РjРё,
С%Ps РiРёРёР»»РёР°СҖ,СҖ Р°СҖС,РµСҖС-Р°Р»СҖПSCҖ РiС-РiРsС,РµPSP·С-СҖ,
РiРµСҖРёРёPSPРsРiСҖРёР»» РjРsР¶Рµ Р±Р»Р»Р»РiР°СҖ,Рё РiС,РsСҖРёРёPSPµ
СҖС,РiРsСҖРµPSPSCҖ Р°PSPiС-РsС,РµPSP·РёPSCҖ РҖРҖ СҖ РiС-РrРiРsРiС-РrСҖ РSP°
РёРsРjРiРµPSCҖР°СҖ,РsСҖРSPµ РiРёРiС-Р»СҖПSPµPSPSCҖ СҖРµPSC-РSCҖ.
Р»С-РёР°СҖСҖСҖРёРёРё Р·Р°СҖС-Р± СҖР»С-Рr РiС-РrРjС-РSPёС,Рё Р·Р° РsРrРёРs РrРµPSCҖ
РrРs С...С-СҖСҖСҖРiС-СҖPSPsРiРs РiС,СҖСҖСҖР°Р°PSPSCҖ. РiРёС%Ps СҖРsР·РiРёPSCҖР»Р°СҖСҖ
Р°СҖС,РµСҖС-Р°Р»СҖПSP° РiС-РiРsС,РµPSP·С-СҖ С- РiРiР°Р°Р°СҖС,СҖСҖСҖСҖ, С%Ps РiРsPSP°
СҖРiСҖРёСҖРёСҖРёPSPµPSP° СҖР°РjРµ СҖРёРj РjРµС...Р°PSC-Р·РjРsРj, СҖС,Р°Рs С...РiРsСҖРsРiРs
РjРsР¶РSP° PSPsСҖРjР°СҖС-Р·РiРiР°СҖ,Рё, Р·Р±С-Р»СҖСҖРёРiСёРё РsР±РҖ™ С"Рj
СҖРёСҖРёРёСҖР»СҖСҖРiС— РёСҖРsPIC-.

Р"С-РiРµСҖРёР°Р»»СҖС-С"РjС-СҖ. Рj РrРµСҖРiРёРёС... РёР°СҖС-С"РSC,С-PI, СҖРёС-
Р·Р°СҖС,РsСҖРsРiСҖРiР°СҖР»Р» Рё С-РSPiС-Р±С-С,РsСҖРё РҖРµРµ, СҖ С,РsРjСҖ СҖРёСҖР»СҖС-
РiРµСҖРёРёPSPРsРiСҖРёР»»», РiС-РrР·РSP°СҖР°Р»»РsСҖСҖ Р·Р±С-Р»СҖСҖРµРµPSPSCҖ СҖС-РiРsСҖ
РёР°Р»»СҖСҖ СҖ СҖРёСҖРsРiР°СҖ,СҖС- РёСҖРsPIC-. РҖPSPiС-Р±С-С,РsСҖРё РҖРµРµ
РjРsР¶СҖС,СҖ РiРёРёР»»РёРiР°СҖ,Рё РiС-РiРµСҖРiРµР°Р»»СҖС-С"РjС-СҖ, РsСҖРёС-Р»СҖРёРёРё
РiСҖРёРiРsС-СҖСҖСҖ,СҖ РiРёРiС-Р»СҖПSPµPSPSCҖ Р°Р»СҖРrРsСҖС,РµСҖРsPSCҖ. Рj
РiР°СҖС-С"РSC,С-PI Р· РSPsСҖРjР°Р»»СҖПSPsСҖ С,,СҖРSPёСҖС-С"СҖ РSPёСҖРsРё СҖРµРНё
РµС,,РµРёС, Р·Р·РiРёСҖР°Р°PSPµР·РSP°СҖPSPёРНё. Р"Рs С,,Р°РёС,РsСҖС-PI СҖРёР·РёРёСҖ
РiРёPSPёРёPSPµPSPSCҖ РiС-РiРµСҖРiРµР°Р»»СҖС-С"РjС-С— РSP°Р»РµР°Р°СҖ,СҖ РSPёСҖРsРiР°СҖ
РSPµРrРsСҖС,Р°СҖ,РSC-СҖС,СҖ, РiРsСҖСҖСҖРёРµPSPSCҖ С,,СҖРSPёСҖС-С— РSPёСҖРsРё, РiС-Рё
(РiС-Рr 70 СҖРsРёС-PI), СҖСҖРёСҖРsРiРёРНё РrС-Р°Р±РµС,, С-РSC,РµСҖРiСҖСҖРµPSC,РSC-
СҖС,Р°PSPё, С,Р°РёС- СҖРё РrРµРiС-РrСҖР°СҖ,Р°СҖС-СҖ, РiРsСҖСҖ,СҖР° СҖРµСҖСҖРiРiР°
РrРµРsРjРiРµPSCҖР°СҖС-СҖ, РjРµС,Р°Р±РsР»С-СҖPSPёРНё Р°СҖРёРrРsР·, С,Р°
РsРrPSPsСҖР°СҖРSPµ Р·Р°СҖС,РsСҖСҖРiРiР°PSPSCҖ РёР°Р»»СҖС-РNёР·РµСҖС-РiР°СҖСҖРёС...
РrС-СҖСҖРµС,РёРёС-PI (РSP°РiСҖРёРёР»»Р°Рr, СҖРiС-СҖРsPSPsР»Р°СҖ,РsPSCҖ,
РµРiР»»РµСҖРµPSPsPSCҖ, С,СҖРёР°РjС,РµСҖРµPSCҖ Р°Р±Рs Р°РjС-Р»СҖРiРiРrСҖ),
С...Р°СҖСҖРsРiРёС... РrРsР±Р°РiРsРё, С%Ps РjС-СҖС,СҖС,СҖ РёР°Р»»СҖС-РNё, Р°Р±Рs
Р·РjС-РSPSPёС-PI СҖРsР»С- Р· РёР°Р»»СҖС-С"Рj; Р°Р±Рs РiСҖРiРёРНёРsРj С-РSCёРёС...
Р»С-РёР°СҖСҖСҖРёРёС... Р·Р°СҖРsР±С-PI, С%Ps СҖРiСҖРiРёСҖРiРёPSCҖСҖ,СҖ
РiС-РrРiРёС%РµPSPSCҖ РёРsPSCҖРµPSC,СҖР°СҖС— РёР°Р»»СҖСҖ СҖ СҖРiРёСҖРsРiРiР°СҖ,СҖС-
РёСҖРsPIC- (РSP°РiСҖРiРёР»»Р°Рr, РiРµРiР°СҖРiРёPSCҖ, РёРs-С,СҖРiРjРsРёСҖР°Р·РsР»СҖ,
С,Р°РёРsР¶ РiС-РrРsРjРёРНё СҖРё

C, C₇H₆P₆J₆P₆C, PsP₆C₇H₆P₆J₆/C₇C₇P₆»C₇H₆C, „P₆P₆J₆P₆C, PsP₆C₇P₆°P₆·PsP₆»), PsC₇P₆PsP₆»P₆P₆PIPs
P₆°PSC, P₆P₆PsPSC-C₇C, C-PI P₆°P₆»C₇H₆PrPsC₇C, P₆C₇H₆PsPSC₇ P₆°P₆Ps P₆»PsP₆P₆°C, PsC₇H₆C-PI
C₇H₆P₆C₇P₆P₆C, PsC₇H₆C-PI P₆°PSPiC-PsC, P₆μPSP·P₆PSC₇. P—P₆°C₇C, PsC₇C₇P₆°PSPSC₇
C...P₆°C₇H₆C₇PsPIP₆C... PrPsP₆±P₆°PIPsP₆e, C₇%Ps P₆JC-C₇C, C₇IC, C₇H₆ PeP₆°P₆»C-PN₆,
PeP₆°P₆»C-PN₆·P₆±P₆μC₇H₆C-PiP₆°C₇H₆C₇P₆C... PrC-C₇C₇H₆P₆C, P₆PeC-PI P₆°P₆Ps P₆°P₆JC-PSPSP₆PeC-PI
C₇P₆PsP₆»C- P· PeP₆°P₆»C-C₇P₆, PsC₇P₆PsP₆»P₆P₆PIPs C₇ PiP₆°C₇C-C₇PSC, C-PI C-P·
PiPsC₇H₆C₇C₇PeP₆μPSPSC₇P₆P₆C, „C₇PSP₆C₇C-C— PSP₆C₇H₆PsP₆e, P₆JPsP₆¶P₆ PiC₇H₆P₆·PiP₆μC₇C, P₆ PrPs
P·PSP₆C₇PsP₆PiPs PiC-PrPIP₆C₇%P₆μPSPSC₇ C₇H₆C-PIPS₇ PeP₆°P₆»C-C₇ C₇ C₇P₆C₇H₆PsPIP₆°C, C₇C-
PeC₇H₆PsPIC-. P₆°C-PiP₆μC₇H₆PeP₆°P₆»C-C₇P₆JC-C₇ P₆JPsP₆¶P₆ C₇PiC₇H₆P₆C₇P₆PSP₆C, P₆
PIP₆PSP₆PePSP₆μPSPSC₇ C₇P₆μC₇PN₆PsP·PSPSC—, C-PSP₆PrC- P₆μC, P₆°P₆»C₇H₆PsP₆C—
P₆°C₇H₆PeC, P₆JC-C—. P₆μP₆C₇C-C₇PSC, P₆°P₆, C₇IC- PiC₇H₆PePN₆P₆JP₆°C₇H₆C, C₇H₆ C-PSPiC-P₆±C-C, PsC₇H₆P₆
P₆μP₆α, C₇P₆»C-Pr P· PsP₆±P₆μC₇H₆P₆¶PSC-C₇C, C₇ PiC₇H₆P₆·PSP₆C₇P₆°C, P₆
PeP₆°P₆»C-PN₆·P₆±P₆μC₇H₆C-PiP₆°C₇H₆C₇- PrC-C₇C₇H₆P₆C, P₆PeP₆ C, P₆° P₆±P₆»PsP₆P₆°C, PsC₇H₆P₆
C₇H₆P₆C₇P₆PiC, PsC₇H₆C-PI P₆°PSPiC-PsC, P₆μPSP·P₆PSC₇, P₆° C, P₆°PePsP₆¶ PiC₇H₆PsIPsPrP₆C, P₆
C₇H₆P₆C, P₆μP₆»C₇H₆PsP₆PN₆ P₆JPsPSC-C, PsC₇H₆P₆PSPi C₇H₆C-PIPS₇ PeP₆°P₆»C-C₇ C₇
C₇P₆C₇H₆PsPIP₆°C, C₇C- PeC₇H₆PsPIC- C, P₆° C, „C₇PSP₆C₇C-PN₆ PSP₆C₇H₆PsP₆e. PiPeC₇%Ps
PsPrPSP₆C₇P₆°C₇PSP₆μ P·P₆°C₇C, PsC₇C₇P₆°PIP₆°PSPSC₇ PiP₆μC₇H₆P₆SP₆PrPsPiC₇H₆P₆»C₇ C, P₆
P₆±C₇PrC₇H₆-C₇ICPePsC— P· PIP₆C₇%P₆μP₆°P·PSP₆C₇PsP₆C... C₇H₆P₆C₇PsPIP₆PS
PIPIP₆°P₆°C₇C, C₇H₆C₇C₇ PrPsC₇H₆P₆C₇PS₆P₆, C—C... C₇P₆»C-Pr P·P₆°C₇C, PsC₇P₆SiC₇P₆°C, P₆ P·
PsP₆±P₆μC₇H₆P₆¶PSC-C₇C, C₇ C, P₆° P· C₇P₆°C₇C, P₆P₆ P₆JPsPSC-C, PsC₇H₆P₆PSPiPsP₆J C₇H₆C-PIPS₇
PeP₆°P₆»C-C₇ C₇ C₇P₆C₇H₆PsPIP₆°C, C₇C- PeC₇H₆PsPIC- (PrP₆PI. C₇H₆PsP·PrC-P» B«P₆°P₆°C₇P₆PrC-C₇
P· C-PSC₇PeP₆P₆ P₆»C-PeP₆°C₇C₇H₆PeP₆P₆P₆ P·P₆°C₇PsP₆±P₆P₆P₆ C, P₆° C-PSC₇C- PIP₆PrP₆
PIP₆°C₇P₆PrC-PN₆B»).

P₆μP₆C₇C-C₇PSC, P₆°P₆, C...PIPsC₇H₆P₆J PSP₆ C₇C₇PeC₇H₆PsPIP₆PN₆ PrC-P₆°P₆±P₆μC, „C₇IC-
PiC₇H₆PePN₆P₆JP₆°C₇H₆C, C₇H₆ PiP₆μC₇H₆PsC₇P₆°P₆»C₇H₆PS- C₇C₇PeC₇H₆PsP·PSP₆¶C₇P₆°P₆»C₇H₆PS-
P·P₆°C₇PsP₆±P₆ P₆°P₆Ps PsC, C₇H₆P₆JC₇C₇H₆C, C₇H₆ C-PSC₇C₇P₆»C-PS, PSP₆μPsP₆±C...C-PrPSP₆
C₇H₆P₆C, P₆μP₆»C₇H₆PS PsP₆PS₆C, C₇H₆PsP₆»C₇H₆PIP₆°C, P₆ C₇H₆C-PIP₆μPSCH₆ PiP₆»C-PeP₆μJ₆C-C—
PiC₇H₆PsC, C₇ICPiPsP₆ PiP₆μC₇C₇PePsPiPs P₆JC-C₇C₇IC₇C₇ C, P₆μC₇H₆P₆PiC-C—
C-PSPiC-P₆±C-C, PsC₇H₆P₆P₆ P₆μP₆α (PrP₆PI. C₇H₆PsP·PrC-P» B«P₆°P₆°C₇P₆PrC-C₇ P·
C-PSC₇PeP₆P₆ P₆»C-PeP₆°C₇C₇H₆PeP₆P₆P₆ P·P₆°C₇PsP₆±P₆P₆P₆ C, P₆° C-PSC₇C- PIP₆PrP₆
PIP₆°C₇P₆PrC-PN₆B»).

P₆»C-C, C-PN₆. P₆μPrPSP₆C₇P₆°C₇PSP₆PN₆ PiC₇H₆PePN₆PsP₆J P₆»C-C, C-C₇ C, P₆
PiP₆μC₇H₆P₆SP₆PrPsPiC₇H₆P₆»C₇ P·P₆°P·PIP₆C₇P₆°PN₆ PSP₆μ C₇H₆P₆PePsP₆J₆μPSP₆PrPsPIP₆°PSP₆PN₆
(PrP₆PI. C₇H₆PsP·PrC-P» B«P₆°P₆°C₇P₆PrC-C₇ P· C-PSC₇PeP₆P₆
P₆»C-PeP₆°C₇C₇H₆PeP₆P₆P₆ P·P₆°C₇PsP₆±P₆P₆P₆ C, P₆° C-PSC₇C- PIP₆PrP₆
PIP₆°C₇P₆PrC-PN₆B»).

P₆μPrPSP₆C₇P₆°C₇PSP₆μ P·P₆°C₇C, PsC₇C₇P₆°PIP₆°PSPSC₇ PiP₆μC₇H₆P₆SP₆PrPsPiC₇H₆P₆»C₇ P·
PeP₆°P₆»C-PN₆·P₆±P₆μC₇H₆C-PiP₆°C₇H₆C₇P₆P₆ PrC-C₇C₇H₆P₆C, P₆PeP₆°P₆P₆, C...P₆°C₇H₆C₇PsPIP₆P₆P₆
PrPsP₆±P₆°PIP₆P₆P₆P₆, C₇%Ps P₆JC-C₇C, C₇IC, C₇H₆ PeP₆°P₆»C-PN₆, P₆°P₆±Ps C-P·
P·P₆°P₆JC-PSPSP₆PeP₆P₆P₆ C₇P₆PsP₆»C- P· PeP₆°P₆»C-C₇P₆ PSP₆μ C₇H₆P₆PePsP₆J₆μPSP₆PrC₇C₇C, C₇H₆C₇C₇
(PrP₆PI. C₇H₆PsP·PrC-P» B«P₆°P₆°C₇P₆PrC-C₇ P· C-PSC₇PeP₆P₆P₆ P₆»C-PeP₆°C₇C₇H₆PeP₆P₆P₆
P·P₆°C₇PsP₆±P₆P₆P₆ C, P₆° C-PSC₇C- PIP₆PrP₆ PIP₆°C₇P₆PrC-PN₆B»).

P₆μPsPrPIC-PN₆PSP₆ P₆±P₆»PsP₆P₆°PrP₆° C₇H₆μPSC-PS-P₆°PSPiC-PsC, P₆μPSP·P₆PS-
P₆°P₆»C₇H₆PrPsC₇C, P₆μC₇H₆PsPSP₆PIPsC— C₇P₆C₇C, P₆μP₆P₆ (P P₆μP₆μ). P₆†C₇PSC₇C₇C, C₇H₆
PrP₆°PSC-, C₇%Ps PsPrPSP₆C₇P₆°C₇PSP₆PN₆ PiC₇H₆PePN₆PsP₆J C-PSPiC-P₆±C-C, PsC₇H₆C-PI
P₆μP₆α, P₆±P₆»PsP₆P₆°C, PsC₇H₆C-PI C₇H₆P₆C₇P₆PiC, PsC₇H₆C-PI P₆°PSPiC-PsC, P₆μPSP·P₆PSC₇
P₆†P₆ P₆°P₆±Ps P₆°P₆»C-C₇PeC-C₇H₆μPSC₇ PiC-PrPIP₆C₇%C₇C₇ C₇H₆P₆·P₆Pe

PIPëPSPëPePSPµPSPSCΠ P°CḡC,PµCḡC-P°P»CHbPSPsC— PiC-PiPsC,PµPSP·C-C—,
 PiC-PiPµCḡPeP°P»C-C"ḡC-C— C,P° P·PSPëP¶PµPSPSCΠ C,,CfPSPeC†C-C— PSPëCḡPsPe
 (PIPeP»CḡC†P°CḡC†Pë PiPsCḡC,CḡCf PSPëCḡPePsPICr PSPµPrPsCḡC,P°C,PSC-CḡC,CHb).
 PŷPsPjCf PiPsPrPIC-PNëPSP° P±P»PsPeP°PrP° P PhPḡPŷ C€P»CΠC...PsPj
 PsPrPSPsC†P°CḡPSPsPiPs PiCḡPëPNëPsPjCf C-PSPiC-P±C-C,PsCḡC-PI PhPµPα,
 P±P»PsPeP°C,PsCḡC-PI CḡPµC†PµPiC,PsCḡC-PI P°PSPiC-PsC,PµPSP·PëPSCr P†P†
 P°P±Ps P°P»C-CḡPeC-CḡPµPSCr PSPµ CḡPµPePsPjPµPSPrPsPIP°PSP° (PrPëPI.
 CḡPsP·PrC-P» B«P'P·P°C"ḡPjPsPrC-CΠ P· C-PSC€PëPjPë P»C-PeP°CḡCḡCHbPePëPjPë
 P·P°CḡPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"ḡPjPsPrC-PNëB»). PĪPeC%oPs
 P»C-PeCfPIP°PSPSCΠ P· PsPrPSPsC†P°CḡPSPëPj P·P°CḡC,PsCḡCfPIP°PSPSCΠPj
 PrPIPSC... P±P»PsPeP°C,PsCḡC-PI P PhPḡPŷ PIPiP°P¶P°C"C,CHbCḡCΠ
 P°P±CḡPsP»CḡC,PSPs PSPµPsP±C...C-PrPSPëPj, PIPsPSPs PjPsP¶Pµ
 PIC-PrP±CfPIP°C,PëCḡCΠ C,C-P»CHbPePë PiC-Pr PSP°PiP»CΠPrPsPj
 CḡPiPµC†C-P°P»C-CḡC,P° C,P° P·P° CfPjPsPIPë C†P°CḡC,PsPiPs CḡPµC,PµP»CHbPSPsPiPs
 PjPsPSC-C,PsCḡPëPSPiCf C,,CfPSPeC†C-C— PSPëCḡPsPe, CḡC-PIPSCΠ
 PµP»PµPeC,CḡPsP»C-C,C-PI C,P° P°CḡC,PµCḡC-P°P»CHbPSPsPiPs C,PëCḡPeCf.
 P†PSPiC-P±C-C,PsCḡPë PhPµPα C,P° P±P»PsPeP°C,PsCḡPë CḡPµC†PµPiC,PsCḡC-PI
 P°PSPiC-PsC,PµPSP·PëPSCr P†P† PSPµ CḡP»C-Pr P·P°CḡC,PsCḡPsPICrPIP°C,Pë
 PsPrPSPsC†P°CḡPSPs PiP°C†C-C"PSC,P°Pj C-P· PrC-P°P±PµC,PëC†PSPsCḡ
 PSPµC,,CḡPsPiP°C,C-C"ḡC.

PµPµCḡPIPëPSPSPëPNë P°P»CHbPrPsCḡC,PµCḡPsPSC-P·Pj. PµP°C†C-C"PSC,Pë P·
PiPµCḡPIPëPSPSPëPj PiC-PiPµCḡP°P»CHbPrPsCḡC,PµCḡPsPSC-P·PjPsPj P·P°P·PIPëC†P°PNë PSPµ
PIC-PrPiPsPIC-PrP°CḡC,CHb PSP° P»C-PeCfPIP°PSPSCΠ
P°PSC,PëPiC-PiPµCḡC,PµPSP·PëPIPSPëPjPë P»C-PeP°CḡCḡCHbPePëPjPë
P·P°CḡPsP±P°PjPë, CΠPeC- PrC-CḡC,CHb C€P»CΠC...PsPj PiCḡPëPiPSC-C†PµPSPSCΠ
CḡPµPSC-PS-P°PSPiC-PsC,PµPSP·PëPSPsPIPsC— CḡPëCḡC,PµPjPë. PŷPsPjCf C,P°PePëPj
PiP°C†C-C"PSC,P°Pj P·P°CḡC,PsCḡPsPICrPIP°C,Pë PrP°PSPëPNë P»C-PeP°CḡCḡCHbPePëPNë
P·P°CḡC-P± PSPµ CḡPµPePsPjPµPSPrCfC"C,CHbCḡCΠ.

P"PsPiPsPjC-P¶PSC- CḡPµC†PsPIPëPSPë.

P"Ps CḡPeP»P°PrCf P»C-PeP°CḡCḡCHbPePsPiPs P·P°CḡPsP±Cf PIC...PsPrPëC,CHb P»P°PeC,PsP·P°,
 C,PsPjCf PiP°C†C-C"PSC,P°Pj C-P· CḡC-PrPeC-CḡPSPsCḡ CḡPiP°PrPePsPIPsCḡ
 PSPµPiPµCḡPµPSPsCḡPëPjC-CḡC,Cḡ PiP°P»P°PeC,PsP·Pë, CḡPëPSPrCḡPsPjPsPj
 PjP°P»CHbP°P±CḡPsCḡP±C†C-C— PiP»CḡPePsP·Pë-PiP°P»P°PeC,PsP·Pë,
 PSPµPrPsCḡC,P°C,PSC-CḡC,Cḡ P»P°PeC,P°P·Pë P·P°PiP° PSPµ
 CḡPµPePsPjPµPSPrCfC"C,CHbCḡCΠ PiCḡPëPNëPjP°C,Pë P»C-PeP°CḡCḡCHbPePëPNë P·P°CḡC-P±
 PhP·P†PŷP·P .

*P—P°CḡC,PsCḡC¿PIP°PSPSCΠ C¿ PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
 PiPsPrC¿PIP°PSPSCΠ PiCḡC¿PrPrCḡ.*

P'P°PiC-C,PSC-CḡC,CHb

P>C-PeP°CḡCḡCHbPePëPNë P·P°CḡC-P± PiCḡPsC,PëPiPsPeP°P·P°PSPs

P·P°CÍ'C,PsCÍ'PsPICrPIP°C,Pë PIP°PiC-C,PSpëPj P°P±Ps P¶C-PSPeP°Pj, C¶PeC-
PïP»P°PSCrC¶C,CH P·P°PIP°PiC-C,PSC-C,Pë. PïPeC%Ps PiC-Pr C‡P°CÍ'
P·P°CÍ'C,PsCÍ'CrPIP°PSPSC¶ P»C-PeP°C¶CÍ'CHPePsPiPs P·P°CÍ'Ps±Cr PhP·P†PÿP·P
PiC-PrC,PIP¶C¶PrP¶CÍ'C",CHCÍ'CI PIP°PiC-C,PSC-CÍ'C,CH, PNëPsPiPs
P·P°CÍ'C,PsCÍ'CrPIP°PSPSC¶ PSPµPsP±C...C-PrPSPs PSPµPiP°PNëPSPs PiC¶PëPiPëPSPëC,Pë C-
P·P°PjC-PSpëC,Pë C-PSCëPëPj P»C-PeP°C¶CÍ'CHPePëPj P·P°CÍ'Ps±PsPj, PrPsP·PIPsP»PµPSPëPj
PrPs P·P°CÍ'C,PsCÍ'CrPIP°PSPSC¶ PIP°PiC-C,PSpëPj.

Pj PIPëPiP°PrPeCr, C¶PeC%Ps P¶C-PSPeP° PiC¶PëPNëPjP°P»P° C-PSPiC-P±C-C,PsC¶ PhPµPα
PiC-Pr C‡P°CÍ' P†P† C,C¶PëPjPµCÍ'C,C¶Cr PIP°PiC-C,PSPsCÍ'C,C-, PrPëC,PëPSC-
C¶PµPePsPjPµPSPPrPsPIP°PSPs PiC¶PsPIPµCÍ'C,Pë CrP»CHC,C¶P°P·PICrPePsPIPµ
PrPsCÍ'P»C-PrP¶PµPSPSC¶ C,,CrPSPeC†C-C— PSpëC¶PsPe C,P° PeC-CÍ'C,PsPe C‡PµC¶PµPiP°.
PáPsPIPsPSP°C¶PsPrP¶PµPSC-, PjP°C,PµC¶C- C¶PePëC... PiC¶PëPNëPjP°P»Pë
C-PSPiC-P±C-C,PsC¶Pë PhPµPα Cr PiPµC¶C-PsPr PIP°PiC-C,PSPsCÍ'C,C-, PjP°C¶C,CH
P·PSP°C...PsPrPëC,PëCÍ'CI PiC-Pr C¶PµC,PµP»CHPSPëPj PSP°PiP»C¶PrPsPj C‡PµC¶PµP·
PjPsP¶P»PëPIC-CÍ'C,CH PIPëPSPëPePSPµPSPSC¶ P°C¶C,PµC¶C-P°P»CHPSPsC—
PiC-PiPsC,PµPSP·C-C—.

PµPµC¶C-PsPrB PiPsPrCáPIP°PSPSC¶ PiC¶CáPrPrC¶

PáPµ C¶PµPePsPjPµPSPCrC" C,CHCÍ'CI P·P°CÍ'C,PsCÍ'CrPIP°PSPSC¶
PïPµC¶PëPSPPrPsPiC¶PëP»Cr C,PµC¶C,-P±CrC,PëP»P°PjC-PSCr Cr PïPµC¶C-PsPr
PiPsPrCrPIP°PSPSC¶ PiC¶CrPrPrC¶ Cr P·PIB¶™ C¶P·PeCr P· PIC-PrCÍ'CrC,PSC-CÍ'C,C¶
PrP°PSPëC... C%PsPrPs PNëPsPiPs PiC¶PsPSPëPePSPµPSPSC¶ Cr PiC¶CrPrPSPµ PjPsP»PsPePs.
PµC-Pr C‡P°CÍ' PiPsPrCrPIP°PSPSC¶ PiC¶CrPrPrC¶ P±P°P¶P°PSPs PiC¶PëP·PSP°C‡PëC,Pë
P°P»CHC,PµC¶PSP°C,PëPIPSµ P»C-PeCrPIP°PSPSC¶ C-P· P±C-P»CHCë
PrPsCÍ'P»C-PrP¶PµPSPëPj PiC¶PsC,,C-P»PµPj P±PµP·PiPµPePë, PsCÍ'Ps±P»PëPIPs PiC-Pr
C‡P°CÍ' PiPsPrCrPIP°PSPSC¶ PSPsPIPsPSP°C¶PsPrP¶PµPSPsPiPs P°P±Ps
PSPµPrPsPSPsCëPµPSPsPiPs PSPµPjPsPIP»C¶C,Pë.

PαPµC¶C,PëP»CHPSC-CÍ'C,CH

P'PïP»PëPICr PSP° C¶PµPiC¶PsPrCrPeC,PëPIPSCr P·PrP°C,PSC-CÍ'C,CH P°P±Ps
C,,PµC¶C,PëP»CHPSC-CÍ'C,CH PSPµ PIPëC¶PIP»PµPSPs.

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P—PrP°C,PSC-CÍ'C,CH PIPïP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CÍ'C,CH C¶PµP°PeC†C-C— PiC¶Pë
PePµC¶CáPIP°PSPSC- P°PIC,PsC,C¶P°PSCÍ'PiPsC¶C,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë.

PµPµC¶PëPSPPrPsPiC¶PëP»Cr C,PµC¶C,-P±CrC,PëP»P°PjC-PS PSPµ PjP°C" PiC¶C¶PjPsPiPs
PIPïP»PëPICr PSP° P·PrP°C,PSC-CÍ'C,CH PePµC¶CáPIP°C,Pë C,C¶P°PSCÍ'PiPsC¶C,PSPëPjPë
P·P°CÍ'Ps±P°PjPë C,P° PIPëPePsC¶PëCÍ'C,PsPICrPIP°C,Pë PjPµC...P°PSC-P·PjPë. PhP»Pµ Cr
PrPµC¶PePëC... PïP°C†C-C" PSC,C-PI PjPsP¶CÍ'C,CH PIPëPSPëPeP°C,Pë
C-PSPrPëPIC-PrCrP°P»CHPSC- C¶PµP°PeC†C-C—, PïPsPIB¶™ C¶P·P°PSC- P·C-
P·PSPëP¶PµPSPSC¶Pj P°C¶C,PµC¶C-P°P»CHPSPsPiPs C,PëCÍ'PeCr, PsCÍ'Ps±P»PëPIPs PSP°
PïPsC‡P°C,PeCr P»C-PeCrPIP°PSPSC¶ P°P±Ps PiC¶Pë PsPrPSPsC‡P°CÍ'PSPsPjCr
P·P°CÍ'C,PsCÍ'CrPIP°PSPSC- P· C-PSCëPëPjPë P°PSC,PëPiC-PiPµC¶C,PµPSP·PëPIPSPëPjPë
P»C-PeP°C¶CÍ'CHPePëPjPë P·P°CÍ'Ps±P°PjPë. PïPe C¶PµP·CrP»CHC,P°C,,
P·PrP°C,PSC-CÍ'C,CH PePµC¶CáPIP°C,Pë C,C¶P°PSCÍ'PiPsC¶C,PSPëPjPë P·P°CÍ'Ps±P°PjPë
P°P±Ps PIPëPePsC¶PëCÍ'C,PsPICrPIP°C,Pë PjPµC...P°PSC-P·PjPë PjPsP¶Pµ P±CrC,Pë

$$\text{P}\ddot{\text{P}}\text{sC}\text{T}\text{hC}\text{rC}\epsilon\text{P}\mu\text{PSP}^\circ.$$

PŸPİPsCİĆ-C-P± P·P°CİĆ,PsCİĆ¿PIP°PSPSCİ C,P° PŸPsP·Pë.

$P''P \gg C \downarrow \text{PiP}_{\mu} C \downarrow P_s C \downarrow P^{\circ} P \gg C \downarrow H \downarrow P S P_s \text{PiP}_s \text{P} \cdot P^{\circ} C \downarrow C, P_s C \downarrow C \downarrow \text{PIP}^{\circ} P S P S C \downarrow. \text{Py} P^{\circ} P \pm P \gg P_{\mu} C, P_e P \ddot{e} P S P_{\mu} \text{PiC} - P r P \gg C \downarrow \text{PiP}^{\circ} C \downarrow C, C \downarrow H \downarrow C \downarrow P_s P \cdot \text{PiP}_s P r C - P \gg C r.$

PyP°P±P»PμC,PePë CĤPμPePsPjPμPSPrPsPIP°PSPs PïCĤPëPNzPjP°C,Pë 1 CĤP°P· PSP° PrPsP±Cř, PICĤP°PSC†C- PïPμCĤPμPr C—PrPsCĤ.

$P''PsP \cdot Cr \text{ } \overline{CIP} \gg C - Pr \text{ } \overline{P}iC - PrP \pm P \overline{e}C \overline{H}P^{\circ}C, P \overline{e} \text{ } C - PSpPrP \overline{e}PIC - PrCrP^{\circ}P \gg CH \overline{P}SPs,$
 $P \cdot P^{\circ}P \gg P_{\mu}P \overline{P}SPs \text{ } \overline{PIC} - Pr \text{ } \overline{P}iC \overline{H}PsC,, C - P \gg C \overline{H} \text{ } \overline{P}iP^{\circ}C \overline{+}C - C''PSC, P^{\circ}, \overline{P}iPsPeP^{\circ}P \cdot PSp \overline{P}eC - PI$
 $P^{\circ}C \overline{H}C, P_{\mu}C \overline{H}C - P^{\circ}P \gg CH \overline{P}SPsPiPs \text{ } C, P \overline{e}C \overline{I}PeCr \text{ } C, P^{\circ} \text{ } \overline{PIC} - Pr \overline{P}iPsPIC - PrC - PSp^{\circ}$
 $P \gg C - PeCrPiP^{\circ}PSPSC \overline{I} (PrP \overline{e}PI. \text{ } C \overline{H}PsP \cdot PrC - P \gg B \ll PhCrPsP \pm P \gg P \overline{e}PiPsC \overline{I}C, C -$
 $P \cdot P^{\circ}C \overline{I}C, PsC \overline{I}CrPiP^{\circ}PSPSC \overline{I}B \gg).$

$$\underline{\text{P}_5\text{C}_7\text{C}, \text{P}_\mu\text{C}_7\text{C}-\text{P}^\circ\text{P} \gg \text{CHBPSP}^\circ \text{PiC}-\text{P}\ddot{\text{P}}_\mu\text{C}_7\text{C}, \text{P}_\mu\text{PSP}\cdot\text{C}-\text{Cl}.$$

$\text{P}\mu\text{P}\mu\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{PSP}\text{rPs}\tilde{\text{P}}\text{iC}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{P}\gg\text{Cr}\text{ C},\text{P}\mu\text{C}\tilde{\text{H}}\text{C},-\text{P}\pm\text{Cr}\text{C},\text{P}\ddot{\text{e}}\text{P}\gg\text{P}^\circ\text{PjC}-\text{PS}\text{ PjPsP}\P\text{PSP}^\circ$
 $\text{P}\tilde{\text{i}}\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{PSP}^\circ\text{C}\ddagger\text{P}^\circ\text{C},\text{P}\ddot{\text{e}}\text{ C}\P\text{Pe}\text{ PjPsPSPsC},\text{P}\mu\text{C}\tilde{\text{H}}\text{P}^\circ\tilde{\text{P}}\text{iC}-\text{C}\tilde{\text{H}}\text{ P}^\circ\text{P}\pm\text{Ps}\text{ Cr}$
 $\text{PePsPjP}\pm\text{C}-\text{PSP}^\circ\text{C}\ddagger\text{C}-\text{C}-\text{P}\cdot\text{P}\gg\text{C}-\text{PeP}^\circ\text{C}\tilde{\text{H}}\text{C}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{PeP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{ P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{P}^\circ\text{PjP}\ddot{\text{e}}\text{ C}-\text{PSC}\epsilon\text{P}\ddot{\text{e}}\text{C}...$
 $\text{PeP}\gg\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}-\text{PI}\text{ P}^\circ\text{PSC},\text{P}\ddot{\text{e}}\text{P}\text{iC}-\text{P}\tilde{\text{i}}\text{P}\mu\text{C}\tilde{\text{H}}\text{C},\text{P}\mu\text{PSP}\cdot\text{P}\ddot{\text{e}}\text{PIPSP}\ddot{\text{e}}\text{C}...\text{ P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{C}-\text{PI}.$

P P_uP_eP_sP_jP_uPSP_rP_sPIP°PSP° P_iP_sC†P°C,PeP_sPIP° PrP_sP·P° C†C,P°PSP_sPIPëC,CH 4 P_jP_i 1 C†P°P· PSP° PrP_sP±C† PIC†P°PSC†C-.

PμP°C†C-C"PS C,Pë P· PIPëC†PsPePsC† P°PeC,PëPIPSC-C†C,C† P P†P†P†
 (PsC†PsP±P»PëPIPs P†P°C†C-C"PS C,Pë P· C†PμPSPsPIP°C†PeC†P»C†C†PSPsC†
 PiC-P†PμC†C,PμPSP·C-C"†C, P†PsC†C†C€PμPSPSC†Pj PIPsPrPSPs-
 PμP»PμPeC,C†PsP»C-C,PSPsPiPs P±P°P»P°PSC†C†, C†PμC†C†PμPIPsC†
 PrPμPePsPjP†PμPSC†P°C†C-C"†C P°P±Ps C,C†P¶PePsC† PiC-P†PμC†C,PμPSP·C-C"†C)
 PjPsP¶C†C,C† P·P°P·PSP°C,Pë PSP°PrPjC-C†PSPsPiPs P·PSPëP¶PμPSPSC†
 P°C†C,PμC†C-P°P»C†PSPsPiPs C,PëC†PeC† P†C-C†P»C† P†C†PëP†PμPjC† P†PμC†C€PsC—
 PrPsP·Pë. P†P°PePëPj P†P°C†C-C"PS C,P°Pj C†PμPePsPjPμPSP†C†C",C†C†C†
 C†PsP·P†PsC†PëPSP°C,Pë P»C-PeC†PIP°PSPSC† P· PrPsP·Pë 2 PjPi (P·P°C†C,PsC†PsPIC†PIP°C,Pë
 C-PSC€PëP† P»C-PeP°C†C†C†PePëP† P·P°C†C-P± C† PIC-PrP†PsPIC-PrPSPsPjC†
 PrPsP·C†PIP°PSPSC-) C,P° P†PsC†P°C,PsPe C,PμC†P°PiC-C— P†C†PsPIPsPrPëC,Pë P†C-Pr
 PSP°PiP»C†PrPsPj P»C-PeP°C†C†.

$$P''PsP \cdot Cr \ PjPsP \ PjPSP^\circ \ PjC - PrPIP\ddot{e}C\%_0\ddot{e}C, P\ddot{e} \ PrPs \ 8 \ PjPi \ 1 \ C\ddot{e}P^\circ P \cdot \ PSP^\circ \ PrPsP \pm Cr \\ C \ddagger PuC\ddot{e}P_{Pu}P \cdot \ 1 \ PjC - Cr\ddot{C}C\ddot{C}C\ddot{C}H\ddot{C} \ P \gg C - PeCrPIP^\circ PSPSC\ddot{C}.$$

$\text{P}\ddot{\text{K}}\text{P}^{\circ}\text{PiPsC}\ddot{\text{P}}^{\circ}\text{C},\text{PeCr}\text{P}\cdot\text{P}^{\circ}\text{C}\dot{\text{I}}\text{C},\text{PsC}\dot{\text{I}}\text{CrPIP}^{\circ}\text{PSPSC}\dot{\text{I}}\text{PiP}_{\mu}\text{C}\dot{\text{T}}\text{P}\ddot{\text{P}}\text{SPPrPsPiC}\dot{\text{T}}\text{P}\ddot{\text{P}}\text{P}\rangle\text{Cr}$
 $\text{C},\text{P}_{\mu}\text{C}\dot{\text{T}}\text{C},-\text{P}\pm\text{CrC},\text{P}\ddot{\text{P}}\text{P}\rangle\text{P}^{\circ}\text{PjC}-\text{PSCr}\text{PjPsP}\dot{\text{I}}\text{P}\rangle\text{P}\ddot{\text{P}}\text{PIP}_{\mu}\text{PIP}\ddot{\text{P}}\text{SP}\ddot{\text{P}}\text{PePSP}_{\mu}\text{PSPSC}\dot{\text{I}}$
 $\text{C}\dot{\text{I}}\text{P}\ddot{\text{P}}\text{PjPiC},\text{PsPjP}^{\circ}\text{C},\text{P}\ddot{\text{C}}\ddot{\text{P}}\text{SPsC}-\text{P}^{\circ}\text{C}\dot{\text{T}}\text{C},\text{P}_{\mu}\text{C}\dot{\text{T}}\text{C}-\text{P}^{\circ}\text{P}\rangle\text{CHbPSPsC}-\text{PiC}-\text{PiPsC},\text{P}_{\mu}\text{PSP}\cdot\text{C}-\text{C}-;$
 $\text{C}\dot{\text{I}}\text{P}_{\mu}\text{C}-\text{PjPsPIC}-\text{C}\dot{\text{T}}\text{PSC}-\text{C}\epsilon\text{P}_{\mu}\text{PrP}\rangle\text{C}\dot{\text{I}}\text{PiP}^{\circ}\text{C}\dot{\text{I}}\text{C}-\text{C}^{\circ}\text{PSC},\text{C}-\text{PI},\text{C}\dot{\text{I}}\text{PeC}-$
 $\text{PsPrPSPsC}\ddot{\text{P}}^{\circ}\text{C}\dot{\text{I}}\text{PSPsPiC}\dot{\text{T}}\text{P}\ddot{\text{P}}\text{PN}_{\text{z}}\text{PjP}^{\circ}\text{C}\dot{\text{T}}\text{C},\text{CHbPrC}-\text{CrC}\dot{\text{T}}\text{P}_{\mu}\text{C},\text{P}\ddot{\text{P}}\text{PeP}\ddot{\text{P}}\text{P}\ddot{\text{P}}\text{Pj}$
 $\text{PiP}^{\circ}\text{C}\dot{\text{I}}\text{C}-\text{C}^{\circ}\text{PSC},\text{P}^{\circ}\text{PjC}\dot{\text{T}}\text{P}\text{P}\cdot\text{PiPsC}\ddot{\text{P}}\text{P}\ddot{\text{P}}\text{SP}^{\circ}\text{C},\text{P}\ddot{\text{P}}\text{P}\rangle\text{C}-\text{PeCrPIP}^{\circ}\text{PSPSC}\dot{\text{I}}$
 $\text{PiP}_{\mu}\text{C}\dot{\text{T}}\text{P}\ddot{\text{P}}\text{SPPrPsPiC}\dot{\text{T}}\text{P}\ddot{\text{P}}\text{P}\rangle\text{PsPjC}\dot{\text{I}}\text{P}\rangle\text{C}-\text{PrP}\cdot\text{PsP}\pm\text{P}_{\mu}\text{C}\dot{\text{T}}\text{P}_{\mu}\text{P}\dot{\text{I}}\text{PSC}-\text{C}\dot{\text{I}}\text{C},\text{C}\dot{\text{T}},$

PsCfPeC-P»CHbPePë Cr PSPëC... PjPsP¶Pµ P±CfC,Pë PrPµC,,C-C†PëC, PIPsPrPë
C,P°/P°P±Ps CfPsP»C-.

PfPeC%Ps C†Pµ PjPsP¶P»PëPIPs, CfP»C-Pr PïChjPëPïPëPSPëC,Pë PïChjPëPNëPsPj
PrC-CfC¶PµC,PëPeP° P·P° 2B¶“3 PrPSC- PrPs PïPsC†P°C,PeCf C,PµChjP°PïC-C—
PïPµChjPëPSPPrPsPïChjPëP»Cf C,PµChjC,-P±CfC,PëP»P°PjC-PSPsPj (PrPëPI. ChjPsP·PrC-P»
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B»).

PµP°C†C-C”PSC,P°Pj P· P°ChjC,PµChjC-P°P»CHbPSPsCh PiC-PïPµChjC,PµPSP·C-C”Ch,
C¶PePëPj PSPµ PjPsP¶PSP° PïChjPëPïPëPSPëC,Pë P·P°CfC,PsCfCfPIP°PSPSC¶
PrC-CfC¶PµC,PëPeC-PI, P»C-PeCfPIP°PSPSC¶ CfP»C-Pr ChjPsP·PïPsC†PëPSP°C,Pë P·
PrPsP·Pë 2 PjPi (P·P°CfC,PsCfPsPICfPIP°C,Pë C-PSCëPëPNë P»C-PeP°ChjCfCHbPePëPNë
P·P°CfC-P± Cf PIC-PrPïPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-). Pj C,P°PePëC...
PïP°C†C-C”PSC,C-PI CfP»C-Pr PePsPSC,ChjPsP»ChPIP°C,Pë C,,CfPSPeC†C-Ch
PSPëChjPsPe C,P° ChjC-PIPµPSCb PeP°P»C-Ch Cf CfPëChjPsPIP°C,C†C- PeChjPsPIC-.
PµPsPrP°P»CHbCëPµ PïC-PrPIPëC%PµPSPSC¶ PrPsP·Pë PïPµChjPëPSPPrPsPïChjPëP»Cf
C,PµChjC,-P±CfC,PëP»P°PjC-PSCf CfP»C-Pr P·PrC-PNëCfPSCbPIP°C,Pë P·P°P»PµP¶PSPs
PIC-Pr PïPsPeP°P·PSPëPeC-PI P°ChjC,PµChjC-P°P»CHbPSPsPiPs C,PëCfPeCf. Pj ChjP°P·C-
PSPµPsP±C...C-PrPSPsCfC,C- C,PµChjP°PïC-Ch PrC-CfC¶PµC,PëPePsPj PjPsP¶PSP°
PIC-PrPSPsPIPëC,Pë.

PµP°C†C-C”PSC,P°Pj P»C-C,PSCHbPsPiPs PIC-PeCf P»C-PeCfPIP°PSPSC¶ CfP»C-Pr
ChjPsP·PïPsC†PëPSP°C,Pë P· PrPsP·Pë 2 PjPi (P·P°CfC,PsCfPsPICfPIP°C,Pë C-PSCëPëPNë
P»C-PeP°ChjCfCHbPePëPNë P·P°CfC-P± Cf PIC-PrPïPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-),
C¶PeCf PjPsP¶PSP° PïC-PrPIPëC%PëC,Pë PrPs 4 PjPi C†PµChjPµP· 1 PjC-CfC¶C†Ch
P»C-PeCfPIP°PSPSC¶, P° PïPsC,C-Pj, Cf ChjP°P·C- PSPµPsP±C...C-PrPSPsCfC,C-, PrPs 8 PjPi P·
CfChjP°C...CfPIP°PSPSC¶Pj C,,CfPSPeC†C-C— PSPëChjPsPe (PrPëPI. C,P°P±P»PëC†Ch, C%Ps
PSP°PrP°C”C,CHCfC¶ PSPëP¶C†Pµ).

PŸPëPjPïC,PsPjP°C,PëC†PSP° CfPµChjC†PµPIP° PSPµPrPsCfC,P°C,PSC-CfC,Ch.

PµP°C†C-C”PSC,P°Pj C-P· CfPµChjC†PµPIPsCh PSPµPrPsCfC,P°C,PSC-CfC,Ch, C¶PePëPj
PïPµChjPëPSPPrPsPïChjPëP»Cf C,PµChjC,-P±CfC,PëP»P°PjC-PS P·P°P·PIPëC†P°PNë
CfP»C-Pr PïChjPëP·PSP°C†P°ChC,Ch PsPrPSPsC†P°CfPSPs P· PrC-CfC¶PµC,PëPePsPj,
C%Ps PIPëPIPsPrPëC,Ch PeP°P»C-PNë, C,P°/P°P±Ps P· PrPëPiPsPeCfPëPSPsPj,
C,P°/P°P±PsB B B B B B B B B B B B B B B B B B P· β-P±P»PsPeP°C,PsChjPsPj,
P»C-PeCfPIP°PSPSC¶ ChjPµPePsPjPµPSPPrPsPIP°PSPs ChjPsP·PïPsC†PëPSP°C,Pë PïC-Pr
ChjPµC,PµP»CHbPSPëPj PjPµPrPëC†PSPëPj PSP°PiP»C¶PrPsPj C,P° P·
PïPsC†P°C,PePsPIPsC— PrPsP·Pë 2 PjPi (P·P°CfC,PsCfPsPICfPIP°C,Pë C-PSCëPëPNë
P»C-PeP°ChjCfCHbPePëPNë P·P°CfC-P± Cf PIC-PrPïPsPIC-PrPSPsPjCf
PrPsP·CfPIP°PSPSC-), C¶PeCf CfP»C-Pr PïChjPëPNëPjP°C,Pë PICChjP°PSC†C-. P§PµChjPµP·
2 C,PëP¶PSC- P·P° CfPjPsPIPë PrPsP±ChjPsC— PïPµChjPµPSPsCfPëPjPsCfC,C- PrPsP·Cf
PïC-PrPIPëC%CfPIP°C,Pë PrPs 4 PjPi 1 ChjP°P· PSP° PrPsP±Cf. PkP°PrP°P»C- PrPsP·Cf
CfP»C-Pr PïC-PrP±PëChjP°C,Pë C-PSPPrPëPIC-PrCfP°P»CHbPSPs, P·P°P»PµP¶PSPs PIC-Pr
PeP»C-PSC-C†PSPsC— PIC-PrPïPsPIC-PrC- PïP°C†C-C”PSC,P° PSP°
P»C-PeCfPIP°PSPSC¶.

PµP°C†C-C”PSC,P°Pj C-P· C,C¶P¶PePsCh CfPµChjC†PµPIPsCh
PSPµPrPsCfC,P°C,PSC-CfC,Ch C,P° C-PSCëPëPj PïP°C†C-C”PSC,P°Pj C-P· PïChjCfPïPë

PIPëCÍPsPePsPiPs CĤPëP·PëPeCÍ (PİP°C†C-C"PSC,Pë P· PİPsCĤCÍC€PµPSPSCĬPjPë C,,CÍPSPeC†C-C— PSPëCĤPsPe C,P° C,PµPSPrPµPSC†C-C"CĤ PrPs PİPsCĤCÍC€PµPSCĤ CĤC-PIPSCĬ PµP»PµPeC,CĤPsP»C-C,C-PI, PİP°C†C-C"PSC,Pë, CĬPeC- PsC,CĤPëPjCÍCĤC,CĤ PsPrPSPsC†P°CÍPSCÍ C,PµCĤP°PİC-CĤ PrC-CÍCĤPµC,PëPeP°PjPë C,P°/P°P±Ps PIP°P·PsPrPëP»P°C,P°C,PsCĤP°PjPë) P»C-PeCÍPIP°PSPSCĬ CÍP»C-Pr CĤPsP·PİPsC†PëPSP°C,Pë PİC-Pr CĤPµC,PµP»CĤPSPëPj PjPµPrPëC†PSPëPj PSP°PİP»CĬPrPsPj (PrPëPI. CĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCĬB»).

Pj PİP°C†C-C"PSC,C-PI P· PIPëCÍPsPePëPj CĤPëP·PëPePsPj PIPëPSPëPePSPµPSPSCĬ CÍPëPjPİC,PsPjP°C,PëC†PSPsC— P°CĤC,PµCĤC-P°P»CĤPSPsC— PİC-PİPsC,PµPSP·C-C— (PİP°C†C-C"PSC,Pë P· PrPµC,,C-C†PëC,PsPj PµP»PµPeC,CĤPsP»C-C,C-PI P· PİC-PİPsPSP°C,CĤC-C"PjC-C"CĤ P°P±Ps P±PµP· PSPµC—, PİP°C†C-C"PSC,Pë P· PİC-PİPsPIPSP»PµPjC-C"CĤ P°P±Ps C,C-, C...C,Ps PsC,CĤPëPjCÍPIP°PI C-PSC,PµPSCÍPëPIPsCÍ C,PµCĤP°PİC-CĤ PrC-CÍCĤPµC,PëPeP°PjPë) CÍP»C-Pr PİCĤPsPIPµCÍC,Pë PePsCĤPµPeC†C-CĤ PIPëC%PµP·P°P·PSP°C†PµPSPëC... CÍC,P°PSC-PI, CĬPeC%Ps PjPsP¶P»PëPIPs, PrPs PİCĤPëP·PSP°C†PµPSPSCĬ P»C-PeP°CĤCÍCĤPePsPiPs P·P°CÍPsP±CÍ. PhCĤC,PµCĤC-P°P»CĤPSPëPN C,PëCÍPe, C,,CÍPSPeC†C-CĤ PSPëCĤPsPe C,P° CĤC-PIPµPSCĤ PeP°P»C-CĤ CÍ CÍPëCĤPsPIP°C,C†C- PeCĤPsPIC- PİPsC,CĤC-P±PSPs CĤPµC,PµP»CĤPSPs PePsPSC,CĤPsP»CĤPIP°C,Pë CĬPe PrPs, C,P°Pe C- PİC-Pr C†P°CÍ P»C-PeCÍPIP°PSPSCĬ (PrPëPI. CĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCĬB»).

P—P°PİPsP±C-PİP°PSPSCĬ PIPëPSPëPePSPµPSPSCĤ PİPsPIC,PsCĤPSPsPiPs C-PSCÍCÍP»CĤC,CÍ CÍ PİP°C†C-C"PSC,C-PI P· C†PµCĤPµP±CĤPsPIP°CÍPeCÍP»CĬCĤPSPëPjPë P·P°C...PIPsCĤCĤPIP°PSPSCĬPjPë.

P PµPePsPjPµPSPrPsPIP°PSP° PİPsC†P°C,PePsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CĤ 2 PjPi (P·P°CÍC,PsCÍPsPICÍPIP°C,Pë C-PSC€PëPN P»C-PeP°CĤCÍCĤPePëPN P·P°CÍC-P± CÍ PIC-PrPİPsPIC-PrPSPsPjCÍ PrPsP·CÍPIP°PSPSC-) 1 CĤP°P· PSP° PrPsP±CÍ PICĤP°PSC†C-. PµC-CÍP»CĬ 2 C,PëP¶PSC-PI P»C-PeCÍPIP°PSPSCĬ PrPsP·CÍ P·P±C-P»CĤC€CÍPIP°C,Pë PrPs 4 PjPi 1 CĤP°P· PSP° PrPsP±CÍ PICĤP°PSC†C-.

PİPeC%Ps PİC-CÍP»CĬ 2 C,PëP¶PSC-PI P·P°CÍC,PsCÍCÍPIP°PSPSCĬ P»C-PeP°CĤCÍCĤPePsPiPs P·P°CÍPsP±CÍ PhP>P†PÿP·P PİP°C†C-C"PSC, PİPsC,CĤPµP±CÍ" PrPsPrP°C,PePsPIPSPiPs PePsPSC,CĤPsP»CĤ P°CĤC,PµCĤC-P°P»CĤPSPsPiPs C,PëCÍPeCÍ, PjPsP¶PSP° PİCĤPëP·PSP°C†PëC,Pë C-PSPrP°PİP°PjC-Pr CÍ PrPsP·C- 1 C,P°P±P»PµC,PeP° PSP° PrPsP±CÍ. P>C-PeCÍPIP°PSPSCĬ PjPsP¶PSP° CĤPsP·PİPsC†PëPSP°C,Pë P±CÍPrCĤ-PePsP»Pë CÍ C,PµCĤPjC-PS PIC-Pr 2 C,PëP¶PSC-PI PrPs PeC-P»CĤPePsC... CĤPsPeC-PI PİC-CÍP»CĬ PİPµCĤPIPëPSPSPsPiPs C-PSCÍCÍP»CĤC,CÍ.

P—P°PİPsP±C-PİP°PSPSCĬ CÍPµCĤC†PµPIPs-CÍCÍPrPëPSPSPëPj CÍCÍPeP»P°PrPSPµPSPSCĬPj CÍ PİP°C†C-C"PSC,C-PI P· PrPsPeCÍPjPµPSC,P°P»CĤPSPsCĤ CÍC,P°P±C-P»CĤPSPsCĤ C-C€PµPjC-C†PSPsCĤ C...PIPsCĤPsP±PsCĤ CÍPµCĤC†CĬ.

P"PsPIPiPsC,CĤPëPIP°P»Pµ P»C-PeCÍPIP°PSPSCĬ PİPµCĤPëPSPrPsPİCĤPëP»PsPj, C,P°P±P»PµC,PePë PİPs 8 PjPi (1 C,P°P±P»PµC,PeP° PSP° PrPsP±CÍ) P·PSPëP¶CÍ" CĤPëP·PëPe C-PSC,,P°CĤPeC,CÍ PjC-PsPeP°CĤPrP° C,P° CÍPµCĤC†PµPIPsC— PSPµPrPsCÍC,P°C,PSPsCÍC,C-

(P·P° CḡPμP·CfP»CHC,P°C,P°PjPë 4-CḡC-C†PSPsPiPs PrPsCfP»C-PrP¶PμPSPSCḡ EUROPA).

P»C-PeCfPIP°PSPSCḡ CḡP»C-Pr CḡPsP·PīPsC†PëPSP°C,Pë P· 4 PjPi (1 C,P°P±P»PμC,PeP° PSP° PrPsP±Cf PICḡP°PSC†C-). P§PμCḡPμP· 2 C,PëP¶PSC-, P·P° CfPjPsPIPë PrPsP±CḡPsC— PīPμCḡPμPSPsCḡPëPjPsCḡC,C-, PrPsP·Cf PīC-PrPIPëC‰PëC,Pë PrPs 8 PjPi PrP»Cḡ PrPsPIPiPsC,CḡPëPIP°P»PsPiPs PīCḡPëPNḡPsPjCf P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cf PḡP»P†PḡP·P , C,P°P±P»PμC,PePë PīPs 8 PjPi (1 C,P°P±P»PμC,PeP° PSP° PrPsP±Cf PICḡP°PSC†C-).

PμP°C†C-C”PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCf, Cf CḡPePëC...
PrPsPeCfPjPμPSC,P°P»CHPSPs PīC-PrC,PIPμCḡPrP¶PμPSP° P†PḡPḡ,
P»C-PeCfPIP°PSPSCḡ CḡP»C-Pr CḡPsP·PīPsC†PëPSP°C,Pë P· PrPsP·Pë 2 PjPi
(P·P°CḡC,PsCḡPsPICfPIP°C,Pë C-PSC€PëPNḡ P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± Cf
PIC-PrPīPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-) 1 CḡP°P· PSP° PrPsP±Cf
PICḡP°PSC†C-; C†PμCḡPμP· C,PëP¶PrPμPSCḡ PrPsP·Cf PīC-PrPIPëC‰CfPIP°C,Pë PrPs
4 PjPi; C†PμCḡPμP· 2 C,PëP¶PSC-, P·P° CfPjPsPIPë PrPsP±CḡPsC—
PīPμCḡPμPSPsCḡPëPjPsCḡC,C- C,P° P·P°P»PμP¶PSPs PIC-Pr C,,CfPSPeC†C-C—
PSPëCḡPsPe, PrPsP·Cf PīC-PrPIPëC‰CfPIP°C,Pë PrPs 8 PjPi (1 C,P°P±P»PμC,PeP° PSP°
PrPsP±Cf) C,P° CḡPsP·PīPsC†PëPSP°C,Pë PrPsPIPiPsC,CḡPëPIP°P»Pμ
P»C-PeCfPIP°PSPSCḡ.

PμC-PrP±C-Cḡ PrPsP· PīCḡPë PSPëCḡPePsPIC-PNḡ PSPμPrPsCḡC,P°C,PSPsCḡC,C-.

P”PsP·CfPIP°PSPSCḡ PrP»Cḡ PīP°C†C-C”PSC,C-PI P· PSPëCḡPePsPIPsCḡ
PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ PjP°C” P±P°P·CfPIP°C,PëCḡCḡ PSP° PeP»C-CḡPμPSCḡC-
PeCḡPμP°C,PëPSC-PSCf, CḡPe P·P°P·PSP°C†PμPSPs Cf C,P°P±P»PëC†C- PSPëP¶C†Pμ:

PḡP°P±P»PëC†Cḡ Bḡ” PμC-PrP±C-Cḡ PrPsP· PīCḡPë PSPëCḡPePsPIC-PNḡ
PSPμPrPsCḡC,P°C,PSPsCḡC,C-

PḡP»C-CḡPμPSCḡ PeCḡPμP°C,PëPSC-PSCf (PjP»/C...PI)	P PμPePsPjPμPSPrPsPIP°PSPμ PrPsP·CfPIP°PSPSCḡ
Cl _{CR} ≥ 60	4 PjPi PSP° PrPsP±Cf
30 < Cl _{CR} < 60	2 PjPi (P·P°CḡC,PsCḡPsPICfPIP°C,Pë C-PSC€PëPNḡ P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± Cf PIC-PrPīPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-) PSP° PrPsP±Cf
15 < Cl _{CR} < 30	2 PjPi (P·P°CḡC,PsCḡPsPICfPIP°C,Pë C-PSC€PëPNḡ P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± Cf PIC-PrPīPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-) C†PμCḡPμP· PrPsP±Cf
PμP°C†C-C”PSC,Pë, CḡPeC- PīPμCḡPμP±CfPIP°CḡC,CH PSP° PīPμPjPsPrC-P°P»C-P·C-	
Cl _{CR} < 15	2 PjPi (P·P°CḡC,PsCḡPsPICfPIP°C,Pë C-PSC€PëPNḡ P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± Cf PIC-PrPīPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-) PSP° PrPsP±Cf PīCḡPsPIPμPrPμPSPSCḡ PrC-P°P»C-P·Cf

□P”C-P°P»C-P·PSPëPNḡ PeP»C-CḡPμPSCḡ PīPμCḡPëPSPrPsPīCḡPëP»P°C,Cf 70 PjP»/C...PI.

PμP°C†C-C”PSC,P°Pj, CḡPeC- PīPμCḡPμP±CfPIP°CḡC,CH PSP° PīPμPjPsPrC-P°P»C-P·C-,

PrPsP·Cf CÍP»C-Pr PiCtjPëPNëPjP°C,Pë PiC-CÍP»CÍ PiCtjPsPIPµPrPµPSPSCÍ
PiPµPjPsPrC-P°P»C-P·Cf.

PµC-PrP±C-Ctj PrPsP· PiCtjPë PiPµC±C-PSPePsPIC-PNë PSPµPrPsCÍC,P°C,PSPsCÍC,C-.

PµP°C†C-C"PSC,Pë P· PiPµC±C-PSPePsPIPsCtj PSPµPrPsCÍC,P°C,PSC-CÍC,Ctj PSPµ
PiPsC,CtjPµP±CfCtjC,Ctj PiC-PrP±PsCtjCf PrPsP·Pë P»C-PeP°CtjCÍCHPePsPiPs P·P°CÍPsP±Cf
(PrPëPI. CtjPsP·PrC-P»Pë B«PαP°CtjPjP°PePsPeC-PSPµC,PëPeP°B» C,P°
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCfPIP°PSPSCÍB»).

P"C-C,Pë.

P·C,,PµPeC,PëPIPSC-CÍC,Ctj C,P° P±PµP·PiPµPeP° P·P°CÍC,PsCÍCfPIP°PSPSCÍ
P»C-PeP°CtjCÍCHPePsPiPs P·P°CÍPsP±Cf PrC-C,CÍPj PIC-PePsPj PrPs 18 CtjPsPeC-PI
PSPµ PICÍC,P°PSPsPIP»PµPSP°. PkP°CÍPIPSP° C-PSC,,PsCtjPjP°C†C-CÍ
P·P°P·PSP°C±PµPSP° Cf CtjPsP·PrC-P»C- B«PαP°CtjPjP°PePsPrPëPSP°PjC-PeP°B», P°P»Pµ
PSP°PrP°C,Pë CtjPµPePsPjPµPSPPrP°C†C-C— C°PsPrPs PrPsP·CfPIP°PSPSCÍ
PSPµPjPsP¶P»PëPIPs. PýPsPjCf PiPµCtjPëPSPPrPsPiCtjPëP»Cf C,PµCtjC,-
P±CfC,PëP»P°PjC-PS PSPµ CtjPµPePsPjPµPSPPrCfC"C,CtjCÍCÍ PiCtjPëP·PSP°C±P°C,Pë
PrC-C,CÍPj.

PµPµCtjPµPrPsP·CzPIP°PSPSCÍ.

P†PSC,,PsCtjPjP°C†C-C— PiCtjPs PiPµCtjPµPrPsP·CfPIP°PSPSCÍ PiPµCtjPëPSPPrPsPiCtjPëP»PsPj
PSPµPrPsCÍC,P°C,PSCtjPs. PýPëPjPiC,PsPjPë, PiPsPiBtj™ CÍP·P°PSC- P·
PiPµCtjPµPrPsP·CfPIP°PSPSCÍPj C-PSPiC-P±C-C,PsCtjP°PjPë PhPµPα, PjPsP¶CfC,Ctj P±CfC,Pë
C,P°PePëPjPë: P°CtjC,PµCtjC-P°P»CHPSP° PiC-PiPsC,PµPSP·C-CÍ,
C†PëCtjPeCfP»CÍC,PsCtjPSPëPNë CëPsPe, PiPsCtjCfCëPµPSPSCÍ
PµP»PµPeC,CtjPsP»C-C,PSPsPiPs P±P°P»P°PSCÍCf, PSPëCtjPePsPIP°
PSPµPrPsCÍC,P°C,PSC-CÍC,Ctj, PiC-PiPµCtjPIPµPSC,PëP»CÍC†C-CÍ, C,P°C...C-PeP°CtjPrC-CÍ,
PiCtjPëCÍPePsCtjPµPSPµ CÍPµCtjC†PµP±PëC,C,CÍ, P±CtjP°PrPëPeP°CtjPrC-CÍ,
P·P°PiP°PjPsCtjPsC±PµPSPSCÍ, C,CtjPëPIPsPiP°, PeP°CëPµP»CH C,PsC°Ps.

PµCtjPë PiPµCtjPµPrPsP·CfPIP°PSPSC- CtjPµPePsPjPµPSPPrCfC"C,CtjCÍCÍ
PIPSCfC,CtjC-CëPSCtjPsPIPµPSPSPµ PIPIPµPrPµPSPSCÍ CtjPsP·C±PëPSCf PSP°C,CtjC-Ctj
C...P»PsCtjPëPrCf 0,9 % (9 PjPi/PjP»). PJ PIPëPiP°PrPeCf PIPëPSPëPePSPµPSPSCÍ
P°CtjC,PµCtjC-P°P»CHPSPsC— PiC-PiPsC,PµPSP·C-C— PiP°C†C-C"PSC,Cf
PSPµPsP±C...C-PrPSPs PSP°PrP°C,Pë PiPsCtjPëP·PsPSC,P°P»CHPSPµ PiPsP»PsP¶PµPSPSCÍ P·
PSPëP·CHPePëPj CfP·PiPsP»C-PiBtj™ CÍPj. PJ CtjP°P·C- PjPsP¶P»PëPIPsCÍC,C- CÍP»C-Pr
P·P°P±PµP·PiPµC±PëC,Pë PiP°C†C-C"PSC,Cf C-PSC,,CfP·C-C— P°PSPiC-PsC,PµPSP·PëPSCf P†P†
C,P°/P°P±Ps PIPSCfC,CtjC-CëPSCtjPsPIPµPSPSPµ PIPIPµPrPµPSPSCÍ
PeP°C,PµC...PsP»P°PjC-PSC-PI. PµPµCtjPëPSPPrPsPiCtjPëP» PjPsP¶PSP° PIPëPrP°P»PëC,Pë C-P·
CÍPëCÍC,PµPjPSPsPiPs PeCtjPsPIPsPsP±C-PiCf P·P° PrPsPiPsPjPsPiPsCtj
PiPµPjPsPrC-P°P»C-P·Cf (PrPëPI. CtjPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCfPIP°PSPSCÍB»). PJ CtjP°P·C- PIPëPSPëPePSPµPSPSCÍ
CtjPµP·PëCÍC,PµPSC,PSPsC— PrPs P»C-PeCfPIP°PSPSCÍ P±CtjP°PrPëPeP°CtjPrC-C—
PiPsPeP°P·P°PSPµ P·P°CÍC,PsCÍCfPIP°PSPSCÍ CëC,CfC±PSPsPiPs PIPsPrC-CÍ CtjPëC,PjCf.
PkPµPsP±C...C-PrPSPs PICÍC,P°PSPsPIPëC,Pë PiPsCÍC,C-PNëPSPëPNë PjPsPSC-C,PsCtjPëPSPi P·P°
PsCÍPSPsPIPSPëPjPë PiPsPeP°P·PSPëPeP°PjPë P¶PëC,C,C"PrC-CÍP»CHPSPsCÍC,C-,

PePsPSC†PμPSC, C₇H^oC†C-C" C₇H PμP»PμPeC, C₇H₂PsP»C-C, C-PI C, P° PeC₇H₂PμP° C, PēPSC-PSC† C† C†PēC₇H₂PsPIP° C, C†C-B PeC₇H₂PsPIC-.

PμPsP±C-C#PSC- C₇H₂PμP°PeC†C-C—.

PμC₇H₂PsC,, C-P»CH₂ P±PμP·PīPμPePē PīPμC₇H₂PēPSP†PsPīC₇H₂PēP»C† PIC-PrPīPsPIC-PrP° C" PīC₇H₂PsC,, C-P»C₇H P±PμP·PīPμPePē C-PSPiC-P±C-C, PsC₇H₂C-PI P₇H₂PμPα.
P₇KP°PN₂C†P°C†C, C-CēPēPjPē PīPsP±C-C†PSPēPjPē C₇H₂PμP°PeC†C-C†PjPē, PīC₇H₂Ps C†PēC-PīPsPIC-PrPsPjP»C†P»PsC†C† PīC-Pr C†P°C† PeP»C-PSC-C†PSPēC... PrPsC†P»C-PrP¶PμPSC₇H PīPμC₇H₂PēPSP†PsPīC₇H₂PēP»C†, C": P·P°PīP°PjPsC₇H₂PsC†PμPSPSC†, PīPsP»PsPIPSPēPN₂ P±C-P»CH₂, PīP°C₇H₂PμC†C, PμP·C-C—, PIPμC₇H₂C, PēPīPs, PīPsC₇H₂C†CēPμPSPSC† P·PsC₇H₂C†, PrP·PIC-PS C† PIC†C...P° C..., P°C₇H₂C, PμC₇H₂C-P°P»CH₂PSP° PīC-PīPsC, PμPSP·C-C†, PeP°CēPμP»CH₂, P·P°PrPēCēPeP°, P±C-P»CH₂ C† P¶PēPIPSC, C-, P·P°PīPsC₇, PrC-P°C₇H₂PμC†, C†PīPsC, PIPSC₇H₂PμPSPSC† PIC-PrC†C†C, C, C† C†PjP°PeC† (PrPēC†PīPμPIP·C-C†), PrPēC†PīPμPīC†C-C†, PSC†PrPsC, P°, P±P»C₇HPIP°PSPSC†, C†PIPμC₇H₂P±C-P¶, PIPēC†PēPīP°PSPSC†, PjP°PeC†P»PsPīP°PīC†P»CH₂PsP·PSC- PIPēC†PēPīP°PSPSC†, C†C†PrPsPjPē Pj₇H₂™ C†P·C-PI C, P° P°C†C, PμPSC-C†.

PμC-Pr C†P°C† PeP»C-PSC-C†PSPēC... PrPsC†P»C-PrP¶PμPSC₇H C, P° PīC-C†P»C†C₇H₂PμC" C†C, C₇H^oC†C-PN₂PSPSiPs P·P°C†C, PsC†C†PIP°PSPSC† PīPμC₇H₂PēPSP†PsPīC₇H₂PēP»C† C†PīPsC†C, PμC₇H₂C-PīP°P»PēC†C† PSPēP¶C†PμP·P°P·PSP°C†PμPSC-PīPsP±C-C†PSC- C₇H₂PμP°PeC†C-C— P· C, P°PePsC₇ C†P°C†C, PsC, PsC₇ PIPēPSPēPePSPμPSPSC†: PrC†P¶Pμ C†P°C†C, Ps (≥ 1/10); C†P°C†C, Ps (≥ 1/100, < 1/10); PSPμC†P°C†C, Ps (≥ 1/1000, < 1/100); C₇H₂C-PrPePs (≥ 1/10000, < 1/1000); PrC†P¶Pμ C₇H₂C-PrPePs (< 1/10000); C†P°C†C, PsC, P° PSPμPIC-PrPsPjP° (PSPμ PjPsP¶Pμ P±C†C, Pē PIPēP·PSP°C†PμPSP° P·PīC-PrPSPs P·PSP°C†PIPSPsC₇ C-PSC,, PsC₇H₂PjP°C†C-C" C₇H).

P— P±PsPeC† C†PēC†C, PμPjPē PeC₇H₂PsPIC- C, P° P»C-PjC,, P° C, PēC†PSPsC— C†PēC†C, PμPjPē:
PμPsP·PēPSPsC,, C-P»C-C† B₇" PSPμC†P°C†C, Ps*; P°PīC₇H₂P°PSC†P»PsC†PēC, PsP· P°P±Ps PīP°PSC†PēC, PsPīPμPSC-C† B₇" PrC†P¶Pμ C₇H₂C-PrPePs; P·PSPēP¶PμPSPSC† C₇H₂C-PIPSC† PīPμPjPsPīP»PsP±C-PSC† C, P° PīPμPjP° C, PsPeC₇H₂PēC, C† B₇" PrC†P¶Pμ C₇H₂C-PrPePs; P»PμPN₂PePsPīPμPSC-C†/PSPμPN₂C, C₇H₂PsPīPμPSC-C† B₇" PrC†P¶Pμ C₇H₂C-PrPePs; PīPμPjPsP»C-C, PēC†PSP° P°PSPμPjC-C† C† PīP°C†C-C" PSC, C-PI P· C†C₇H₂PsPrP¶PμPSPsC₇H PSPμPrPsC†C, P° C, PSC-C†C, C₇ PīP»C₇HPePsP·Ps-6-C,, PsC†C,, P° C, PrPμPīC-PrC₇H₂PsPīPμPSP°P·Pē B₇" PrC†P¶Pμ C₇H₂C-PrPePs; C, C₇H₂PsPjP±PsC†PēC, PsPīPμPSC-C† B₇" PrC†P¶Pμ C₇H₂C-PrPePs.

P— P±PsPeC† PμPSP†PsPeC₇H₂PēPSPSPsC— C†PēC†C, PμPjPē: C†PēPSP†C₇H₂PsPj PSPμP°PrPμPePIP° C, PSPsC— C†PμPeC₇H₂PμC†C-C— P°PSC, PēPrC-C†C₇H₂PμC, PēC†PSPsPīPs PīPsC₇H₂PjPsPSC† (PŸP₇KPŸP₇H" P") B₇" C₇H₂C-PrPePs.

P— P±PsPeC† PjPμC, P°P±PsP»C-P·PjC† C, P° PsP±PjC-PSC† C₇H₂PμC†PsPIPēPS:
PīC-PīPsPīP»C-PePμPjC-C† B₇" PSPμC†P°C†C, Ps*; PīC-PīPμC₇H₂PeP°P»C-C" PjC-C†, C†PeP° C" PsP±PsC₇H₂PsC, PSPsC₇ PīC-C†P»C† PIC-PrPjC-PSPē P»C-PeP°C₇H₂C†CH₂PePsPīPs P·P°C†PsP±C† B₇" PSPμC†P°C†C, Ps*; PīC-PīPsPSP° C, C₇H₂C-C" PjC-C† B B B B₇" PSPμC†P°C†C, Ps*.

P— P±PsPeC† PīC†PēC...C-PePē: PrPμPīC₇H₂PμC†C-C† B₇" PSPμC†P°C†C, Ps*; PīPsC₇H₂C†CēPμPSPSC† PSP°C†C, C₇H₂PsC₇ B₇" PSPμC†P°C†C, Ps; PīPsC₇H₂C†CēPμPSPSC† C†PSC† B₇" PSPμC†P°C†C, Ps.

P— P±PsPeC† PSPμC₇HPIPSPiPsC— C†PēC†C, PμPjPē: P·P°PīP°PjPsC₇H₂PsC†PμPSPSC† B₇"

C†P°C†C,Ps; PiPsP»PsPIPSpëPNë P±C-P»CH бґ“ C†P°C†C,Ps; PiP°CґPµC†C,PµP·C-C† бґ“
C†P°C†C,Ps; PIPµCґC,PePiPs бґ“ C†P°C†C,Ps; C†PsPSP»PePIC-C†C,CH бґ“ PSPµC†P°C†C,Ps*;
PSPµPiCґPeC,PsPjPSC-C†C,CH бґ“ PSPµC†P°C†C,Ps*; C†PiP»C†C,P°PSC-C†C,CH
C†PIC-PrPsPjPsC†C,C- бґ“ PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeC† PsCґPiP°PSC-PI P·PsCґC†: PiPsCґC†C€PµPSPSC† P·PsCґC† бґ“ C†P°C†C,Ps.

P— P±PsPeC† PsCґPiP°PSC-PI C†P»C†C...C† C,P° P»P°P±C-CґPePSC,C†: PrP·PIC-PS C†
PIC†C...P°C... бґ“ C†P°C†C,Ps.

P— P±PsPeC† C†PµCґC†C†: PiP°P»CHPiC-C,P°C†C-C† - PSPµC†P°C†C,Ps*;
C,P°C...C-PeP°CґPrC-C† - PSPµC†P°C†C,Ps*; C†C,PµPSPsPeP°CґPrC-C† бґ“ PrC†P¶Pµ
CґC-PrPePs; P°CґPeC,PjC-C† бґ“ PrC†P¶Pµ CґC-PrPePs; C-PSC„P°CґPeC, PjC-PsPeP°CґPrP°
PjPsP¶Pµ PIPëPSPëPeP°C,Pe PIPSP°C†P»C-PrPsPe PSP°PrPjC-CґPSPsPiPs P·PSPëP¶PµPSPSC†
P°CґC,PµCґC-P°P»CHPSPsPiPs C,PeC†PeC† C† PiP°C†C-C”PSC,C-PI PiCґC†PiPë
PIPëC†PsPePsPiPs CґPeP·PePeC† бґ“ PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeC† C†C†PrPëPSPSPSC— C†PeC†C,PµPjPë: P°CґC,PµCґC-P°P»CHPSP°
PiC-PiPsC,PµPSP·C-C† (C,P° PiPsPiбґ™ C†P·P°PSC- P· PSPµCґ C†PePjPiC,PsPjPë) бґ“
C†P°C†C,Ps; PIP°C†PeC†P»C-C, бґ“ PSPµC†P°C†C,Ps*; PiCґPePiP»PePIPë P¶P°CґC† бґ“
CґC-PrPePs*; C-PSC†C†P»CHC, PjPsP¶Pµ PIPëPSPëPeP°C,Pe PIPSP°C†P»C-PrPsPe
PSP°PrPjC-CґPSPsPiPs P·PSPëP¶PµPSPSC† P°CґC,PµCґC-P°P»CHPSPsPiPs C,PeC†PeC† C†
PiP°C†C-C”PSC,C-PI PiCґC†PiPë PIPëC†PsPePsPiPs CґPeP·PePeC† бґ“ PrC†P¶Pµ CґC-PrPePs;
C„PµPSPsPjPµPS P PµPNëPSPs бґ“ C†P°C†C,PsC,P° PSPµPIC-PrPsPjP°.

P— P±PsPeC† PrPëC...P°P»CHPSPSC— C†PeC†C,PµPjPë, PsCґPiP°PSC-PI PiCґC†PrPSPSC—
PeP»C-C,PePë C,P° C†PµCґPµPrPsC†C,C-PSPSC†: PeP°C€PµP»CH бґ“ C†P°C†C,Ps;
P·P°PrPëC€PeP° бґ“ C†P°C†C,Ps; P±CґPsPSC...PsC†PiP°P·Pj бґ“ PSPµC†P°C†C,Ps;
PµPsP·PePSPSC„C-P»CHPSP° PiPSPµPIPjPsPSC-C† бґ“ PrC†P¶Pµ CґC-PrPePs; CґPePSC-C, бґ“
PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeC† C,CґP°PIPSpSC— C†PeC†C,PµPjPë: P±C-P»CH C† P¶PePiPsC,C- бґ“ C†P°C†C,Ps;
P·P°PiPsCґ бґ“ C†P°C†C,Ps; PrC-P°CґPµC† бґ“ C†P°C†C,Ps; C†PiPsC,PIPsCґPµPSPSC†
PIC-PrC†C†C,C,C† C†PjP°PeC† (PrPëC†PiPµPIP·C-C†) бґ“ C†P°C†C,Ps; PrPëC†PiPµPiC†C-C†
бґ“ C†P°C†C,Ps; PSC†PrPsC,P° бґ“ C†P°C†C,Ps; P±P»CґPIP°PSPSC† бґ“ C†P°C†C,Ps;
C†C†C...C-C†C,CH C† CґPsC,C- бґ“ PSPµC†P°C†C,Ps; PiP°PSPeCґPµP°C,PeC, бґ“ PrC†P¶Pµ
CґC-PrPePs.

P— P±PsPeC† PiPµPiP°C,PsP±C-P»C-P°CґPSPSC— C†PeC†C,PµPjPë:
C†PeC,PsP»C-C,PeC†PSPëPNë P°P±Ps C...PsP»PµC†C,P°C,PeC†PSPëPNë PiPµPiP°C,PeC, бґ“
PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeC† C€PeC-CґPeC,P° C—C— PiPsC...C-PrPSPëC...: C†PIPµCґP±C-P¶ бґ“ C†P°C†C,Ps;
PIPëC†PePiP°PSPSC† бґ“ C†P°C†C,Ps; PeCґPsPiPëPiбґ™ C†PSPeP° бґ“ PSPµC†P°C†C,Ps;
P°PSPiC-PsPSPµPICґPsC,PeC†PSPëPNë PSP°P±CґC†Pe PsP±P»PeC†C†C†, PeC-PSC†C-PIPsPe,
PiC†P±, C†P»PeP·PsPIPëC... PsP±PsP»PsPSPsPe, C†P·PePeP°, PiPsP»PsC†PsPIPsC—
C%oC-P»PePSPë C,P°/P°P±Ps PiPsCґC,P°PSC- бґ“ PSPµC†P°C†C,Ps; CґPµP°PeC†C-C—
C„PsC,PsC†C†C,P»PePiPsC†C,C- бґ“ PSPµC†P°C†C,Ps*; PiPµPjC„C-PiPsC—Pr бґ“
PSPµC†P°C†C,Ps*; PiC-PiPµCґPiC-PrCґPsP· бґ“ PSPµC†P°C†C,Ps; PiPsC†PeP»PµPSPSC†
C†PePjPiC,PsPjC-PI PiC†PsCґC-P°P·C† бґ“ CґC-PrPePs; PjC†P»CHC,PeC„PsCґPjPSP°
PµCґPeC,PµPjP° бґ“ PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeCf CÍPePμP»PμC,PSPs-PjB™ CÍP·PsPIPSC— CÍPëCÍC,PμPjPë C,P°
CÍPiPsP»CrC±PSPSC— C,PeP°PSPëPSPë: CÍCrPrPsPjPë PjB™ CÍP·C-PI B™ C±P°CÍC,Ps;
P°C™C,C™P°P»PiC-CÍ B™ PSPμC±P°CÍC,Ps*; PjC-P°P»PiC-CÍ B™ PSPμC±P°CÍC,Ps*.

P— P±PsPeCf PSPëC™PsPe C,P° CÍPμC±PsPIPëPrC-P»CHPSPSC— CÍPëCÍC,PμPjPë:
PSPëC™PePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH B™ PSPμC±P°CÍC,Ps; PiPsCÍC,C™P°
PSPëC™PePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH B™ C™C-PrPePs;
P°PSCfC™C-CÍ/PsP»C-PiCfC™C-CÍ B™ C™C-PrPePs*.

P— P±PsPeCf C™PμPiC™PsPrCfPeC,PëPIPSPC— CÍPëCÍC,PμPjPë C,P° PjPsP»PsC±PSPëC...
P·P°P»PsP: C™PμPeC,PëP»CHPSP° PrPëCÍC,,CrPSPeC†C-CÍ B™ PSPμC±P°CÍC,Ps.

P—P°PiP°P»CHPSC- C™PsP·P»P°PrPë: P°CÍC,PμPSC-CÍ B™ C±P°CÍC,Ps; P±C-P»CH Cr
PiC™CrPrPSC-PNë PeP»C-C,C†C- B™ PSPμC±P°CÍC,Ps*; PSPμP·PrCrP¶P°PSPSCÍ B™
PSPμC±P°CÍC,Ps*; PiPμC™PëC,,PμC™PëC±PSC- PSP°P±C™CÍPePë B™ PSPμC±P°CÍC,Ps*;
PiC-PiPμC™C,PμC™PjC-CÍ B™ PSPμC±P°CÍC,Ps*.

P°PsCÍP»C-PrP¶PμPSPSCÍ: PiC-PrPIPëC%PμPSPSCÍ C™C-PIPSCÍ CÍPμC±PsPIPëPSPë PI
PeC™PsPIC- B™ PSPμC±P°CÍC,Ps*; PiC-PrPIPëC%PμPSPSCÍ C™C-PIPSCÍ
PeC™PμP°C,PëPSC-PSCf PI PeC™PsPIC- B™ PSPμC±P°CÍC,Ps*; PiC-PrPIPëC%PμPSPSCÍ
C™C-PIPSCÍ P±C-P»C-C™CrP±C-PSCf PI PeC™PsPIC- B™ C™C-PrPePs;
PiC-PrPIPëC%PμPSPSCÍ C™C-PIPSCÍ PiPμC±C-PSPePsPIPëC... C,,PμC™PjPμPSC,C-PI B™
C™C-PrPePs.

PjC€PePsPrP¶PμPSPSCÍ, PsC,C™CrC°PSPSCÍ C,P° CrCÍPeP»P°PrPSPμPSPSCÍ PiC™PëPNëPsPjCr:
PiP°PrC-PSPSCÍ B™ PSPμC±P°CÍC,Ps*.

*P§P°CÍC,PsC,P° PiPsP±C-C±PSPëC... C™PμP°PeC†C-PNë, PIPëCÍPIP»PμPSPëC... P·P°
PrPsPiPsPjPsPiPsC™ CÍPiPsPSC,P°PSPSPëC... PiPsPIC-PrPsPjP»PμPSC™,
C™PsP·C™P°C...PsPIP°PSP° P·P° PrP°PSPëPjPë PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSC™.

PμP»C-PSC-C±PSC- PrPsCÍP»C-PrP¶PμPSPSCÍ

PμC-Pr C±P°CÍ PiPμC™C-PsPrCf C™P°PSPrPsPjC-P·P°C†C-C— Cr PrPsCÍP»C-PrP¶PμPSPSC-
EUROPA P±CrP»Ps P·C-P±C™P°PSPs C-PSC,,PsC™PjP°C†C-C™ C,C-P»CHPePë PiC™Ps
CÍPμC™PNëPsP·PSC- PIPëPiP°PrPePë PiPsP±C-C±PSPëC... C™PμP°PeC†C-PNë. Pj
PSPμPIPμP»PëPePsC— PeC-P»CHPePsCÍC,C- PiP°C†C-C°PSC,C-PI P±CrP»Ps PIPëCÍPIP»PμPSPs
CÍPμC™PNëPsP·PSC- PiPsP±C-C±PSC- C™PμP°PeC†C-C—: 16 (0,3 %) C-P· 6122
PiP°C†C-C°PSC,C-PI Cr PiC™CrPiC- PiPμC™PëPSPrPsPiC™PëP»Cr C,P° 12 (0,2 %) C-P· 6107
PiP°C†C-C°PSC,C-PI Cr PiC™CrPiC- PiP°C†C-C°PSC,C-PI, CÍPeC- PsC,C™PëPjCrPiP°P»Pë
PiP°P°C†PμP±Ps. P¶PμC™PμPr PiP°C†C-C°PSC,C-PI, CÍPeC- PsC,C™PëPjCrPiP°P»Pë
PiPμC™PëPSPrPsPiC™PëP», P°C™C,PμC™C-P°P»CHPSP° PiC-PiPsC,PμPSP·C-CÍ
CÍPiPsCÍC,PμC™C-PiP°P»P°CÍCÍ Cr 6 PiP°C†C-C°PSC,C-PI,
P°PSPiC-PsPSPμPIC™PsC,PëC±PSPëPNë PSP°P±C™CÍPe B™ Cr 3 PiP°C†C-C°PSC,C-PI C,P°
C™P°PiC,PsPIP° P·CrPiPëPSPeP° CÍPμC™C†CÍ B™ Cr 1 PiP°C†C-C°PSC,P°. PμP°C†C-C°PSC,Pë,
CÍPeC- PiC™PëPiPëPSPëP»Pë CrC±P°CÍC,CH Cr PrPsCÍP»C-PrP¶PμPSPSC-, 6,0 % (n=366)
CÍPeP°C™P¶PëP»PëCÍCH PSP° PeP°C€PμP»CH, P°C™C,PμC™C-P°P»CHPSCf
PiC-PiPsC,PμPSP·C-C™ P°P±Ps P±CrPrCH-CÍPeCf C-PSC€Cr
PSPμPiPμC™PμPSPsCÍPëPjC-CÍC,CH PiPμC™PëPSPrPsPiC™PëP»Cr PiPsC™C-PIPSCÍPSPs P· 2,1
% (n=129) PiP°C†C-C°PSC,C-PI, CÍPeC- PiC™PëPNëPjP°P»Pë PiP°P°C†PμP±Ps.

PμPsPIC-PrPsPjP»PμPSPSCÍ PiC™Ps PiPsP±C-C±PSC- C™PμP°PeC†C-C— PiC-CÍP»CÍ

Ph₃P⁺ B«PαP°C₇H₇PjP°PeB» (PIC-PrP_iSPIC-PrP°P»CH₃PSPëPN₂ P·P° PIPëC₇H₇PsP±PSPëC†C, PIPs C, P° PePsPSC, C₇H₇PsP»CH₃/PIPëP_iC₇H₇PsP±CrPIP°PSPSC‡ C₇P_uC₇H₇C-C—, PSP_u PIPeP»C₇H₇C†P°C₇H₇C†Pë PIPëP_iCrC₇H₇ C₇P_uC₇H₇C-C—).

**РњС-СГС†РμР·PSP°C...PsPrP¶PμPSPSC¶ PIPëCЃPsP±PSPëPеP° С,P° P°PrCЃPμCГP°
PjC-СГС†C¶ PïCЃPsPIP°PrP¶PμPSPSC¶ PNөPsPiPs PrC-С¶P»СЃPSPsСГC,C-.**

PJPeCЃP°C—PSP°, 01013, Pj. РљРëС—PI, PICѓP». P'СѓPrC-PSPrCѓCГC,CЃC-C—, P±CѓPr. 5.

PJPeCЃP°C—PSP°, 04080, Pj. РљРëС—PI, PICѓP». РљРëCЃРëP»C-PICГСЃPеP°, 74.

Р—P°C¶PIPSPëPе.

РŷРђP' РќP'Pа В«РђP†РљP РђPIГP†РђВ».

РњС-СГС†РμР·PSP°C...PsPrP¶PμPSPSC¶ Р·P°C¶PIPSPëPеP°.

PJPeCЃP°C—PSP°, 01013, Pj. РљРëС—PI, PICѓP». P'СѓPrC-PSPrCѓCГC,CЃC-C—, P±CѓPr. 5.

РμPsPIC-PrPsPjPëC,Pë PïCЃPs PSPμP±P°P¶P°PSPμ С¶PIPëC%Pμ PïCЃPë
P·P°CГC,PsCГCѓPIP°PSPSC- P»C-PеP°CЃCГCЃPеPsPiPs P·P°CГC,PμP±Cѓ P'Pë PjPsP¶PμC,Pμ P·P°
C,PμP»PμC,,PsPSPsPj 38 (050) 309-83-54 (C†C-P»PsPrPsP±PsPIPs).