

Р†РќРЎРЎР РЈРЉРІР†РЇ

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

РћРњР†РђРљ

$$P\check{Y}P\in P\gg P^{\circ}P\Gamma:$$

PrC-CHC≠P° CH₂PμC≠PsPIPëPSP°: 100 PjP» PiCH₂PμPiP°CH₂P°C, Cr PjC-CH₂C, PëC, CH: P°PjC-P°PeCrB CH₂PsP·C≠PëPSCr PePsPSC†PμPSC, CH₂PsPIP°PSPsPiPs (Cr PIPëPiP»CμPrC- 25 % CH₂PsP·C≠PëPSCr) 44 PjP»;

$$PrPsPiPsPjC-P\text{PSP}^{\circ} \text{ } C\bar{h}P_{\mu}C\bar{\#}PsPIP\bar{e}PSP^{\circ}: PIPsPrP^{\circ} \text{ } PsC\bar{\#}P\bar{e}C\%_{00}P_{\mu}PSP^{\circ}.$$

**P·C-PeP°CĤĆĤĤPeP° C,,PsCĤPjP°. P PsP·C†PëPS PrP»CĬ P·PsPIPSC-C€PSCĤPsPiPs
P·P°CĬC,PScĬĆrPIP°PSPSCĬ.**

$P\hbar C\acute{I}PSPsPIPSC-C,,C-P\ddot{e}PePs-C...C-PjC-C\ddot{+}PSC-PIP\gg P^{\circ}C\acute{I}C,P\ddot{e}PIPsC\acute{I}C,C-: PiC\grave{H}PsP\cdot PsC\grave{H}P^{\circ},$
 $P\pm P_{\mu}P\cdot P\pm P^{\circ}C\grave{H}PIPSP^{\circ}, P\gg P_{\mu}C,PeP^{\circ}, PrC\acute{r}P\P P_{\mu} P\gg CrP\P PSP^{\circ} C\grave{H}C-PrP\ddot{e}PSP^{\circ} P\cdot C\grave{H}C-P\cdot PeP\ddot{e}Pj$
 $P\cdot P^{\circ}PiP^{\circ}C...PsPj. P''PsPiC\acute{r}C\acute{I}PeP^{\circ}C''C,CHC\acute{I}C\P, PiC\grave{H}P\ddot{e} P\cdot P\pm P_{\mu}C\grave{H}C-PiP^{\circ}PSPSC-,$
 $PSP^{\circ}C\P IIPSC-C\acute{I}C,CH P\pm P\gg P\ddot{e}C\acute{I}PeC-C,PsPe C-/C\ddot{+}P\ddot{e} P\gg P_{\mu}PiPePsC- PeP^{\circ}P\gg P^{\circ}PjC\acute{r}C,C-.$

P_αP°C₇P_jP°PePsC,P_μC₇P°P_iP_μPIC,PëC±PSP° PiC₇CríP_iP°.

P—P°CГPsP±Pë, C%oPs PIPiP»PëPIP°CГC,CГ ПSP° CГPμCГPiC—CГP°C,PсCГPSCr
CГPëCГC,PμPjCr. РлPsPr PhPyPI R07A B.

$P\alpha P^{\circ}C\bar{H}PjP^{\circ}PePsP\gg PsPiC-C\ddagger PSC-PIP\gg P^{\circ}C\bar{I}C,P\ddot{e}PIPsC\bar{I}C,C-$

$$P\propto P^{\circ}C\overline{H}P_jP^{\circ}P\epsilon P_sP_rP\ddot{e}PSP^{\circ}P_jC-P\epsilon P^{\circ}.$$

PhjC-P°PeCr CḡPsP·C†PēPS PSP°P»PμP¶PēC,Ch PrPs P»C-PeP°CḡCḡChPePēC...
P·P°CḡPsP±C-PI, CḡPeC- PīPsPrCḡP°P·PSCḡCḡC,Ch PSPμCḡPIPSPIC- P·P°PeC-PSC†PμPSPSCḡ.
PḡPμC...P°PSC-P·Pj PrC-C— P°PjC-P°PeCr PīCḡPē PIPrPēC...P°PSPSC- PīPsP»CḡPiP°C” Cr
CḡPμC,,P»PμPeC,PsCḡPSPsPjCr P·P±CḡPrP¶PμPSPSC- PrPēC...P°P»ChPSPsPiPs C†PμPSC,CḡCr
C†PμCḡPμP· CḡPμC†PμPīC,PsCḡPē PIPμCḡC...PSC-C... PrPēC...P°P»ChPSPēC... C€P»CḡC...C-PI
bḡ” P·P°PeC-PSC†PμPSPSCḡ C,CḡC-PNc†P°CḡC,PsPiPs PSPμCḡPIP°.

$$\begin{aligned} & \text{P}_{\text{H}}\text{C}\bar{\text{T}}\text{P}\bar{\text{e}} \text{PSP}^\circ\text{PSP}_{\text{H}}\text{C}\bar{\text{T}}\text{P}_{\text{H}}\text{PSPSC}-\text{PSP}^\circ \text{C}\bar{\text{E}}\text{P}\bar{\text{e}}\text{C}-\text{C}\bar{\text{T}}\text{C}\bar{\text{T}} \text{C}\bar{\text{T}}\text{P}\bar{\text{e}}\text{PSP}\bar{\text{e}}\text{C}, \text{CH} \\ & \text{P}\bar{\text{i}}\text{P}\bar{\text{s}}\text{P}\bar{\text{r}}\text{C}\bar{\text{T}}\text{P}^\circ\text{P}\cdot\text{PSC}\bar{\text{T}}\text{P}\bar{\text{i}}\text{P}^\circ\text{P}\gg\text{CH}\bar{\text{P}}\text{SC}\bar{\text{T}} \text{C}, \text{P}^\circ \text{P}^\circ\text{PSC}, \text{P}\bar{\text{e}}\text{P}\bar{\text{j}}\text{C}-\text{P}\bar{\text{e}}\text{C}\bar{\text{T}}\text{P}\bar{\text{s}}\text{P}\pm\text{PSC}\bar{\text{T}} \text{P}\bar{\text{r}}\text{C}-\text{C}\bar{\text{T}}. \end{aligned}$$
$$P\propto P^{\circ}C\overline{H}PjP^{\circ}P\epsilon PsP\epsilon C-PSP\mu C,P\ddot{e}P\epsilon P^{\circ}.$$

$$\text{P}\ddot{\text{C}}\text{H}\text{P}\ddot{\text{P}}\text{P}^{\circ}\text{C}\text{H}\text{P}^{\circ}\text{C}, \text{PSP}\ddot{\text{P}} \text{PSP}^{\circ}\text{PrC}\dots\text{PsPrP}\ddot{\text{C}}, \text{CH} \text{PrPs} \text{PeC}\text{H}\text{PsPIB}\text{H}^{\text{TM}} \text{C}\ddot{\text{P}}\text{PSPsPiPs} \text{C}\text{H}\text{CrC}\acute{\text{r}}\text{P}\rangle\text{P}^{\circ}.$$

РЛР»С-РSC-С†PSC- С...Р°СЃР°Р°С, РµСЃР°СЃР°СЃ, Р°Р°Р°Р°.

PuPsPeP°P·P°PSPSCU.

PkPpPiCḡPëC,PsPjPSPëPNḡ CÍC,P°PS, PïCḡPë CrPeCrCÍP°C... PePsPjP°C....

PᵤCᵗᵀPₛC,PëPïPₛPₑP°P·P°PSPSCᵀ.

$$\text{P}\ddot{\text{C}}-\text{PrPI}\ddot{\text{C}}\%_{\text{P}}\text{PSP}^{\circ}\text{C}\ddot{\text{C}}\text{rC},\text{P}\gg\ddot{\text{P}}\text{PIC}-\text{C}\dot{\text{C}}\text{C},\text{CH}\text{PrPs}\text{P}\gg\text{C}-\text{PeP}^{\circ}\text{C}\dot{\text{C}}\text{C}\dot{\text{C}}\text{H}\text{PePsPiPs}\text{P}\cdot\text{P}^{\circ}\text{C}\dot{\text{C}}\text{PsP}\pm\text{C}\dot{\text{C}}.$$

$P^{\circ}P^{\circ}C^{\circ}P_jP_sPrC-C\Pi P^{\circ}C-PSC\epsilon P\ddot{e}P_jP\ddot{e}P\gg C-P\epsilon P^{\circ}C\overline{C}C\overline{C}H\overline{C}P\epsilon P\ddot{e}P_jP\ddot{e}P^{\circ}P^{\circ}C\overline{C}P_sP\pm P^{\circ}P_jP\ddot{e}C,P^{\circ}C-PSC\epsilon C-PIP\ddot{e}PrP\ddot{e}PIP^{\circ}P^{\circ}C^{\circ}P_jP_sPrC-PN_0.$

$$P_k P_\mu \text{ PIC}^T C, P^\circ \text{PSPsPIP} \gg P_\mu \text{PSP}^\circ.$$
$$PhCIPsP_{\pm}P \gg P\ddot{e}PIPsCIC, C- P \cdot P^{\circ}CIC, PsCIC\acute{e}PIP^{\circ}PSPSCU.$$

P_{HC}-C₁C₁P_uPIP_u P_°P_°C₁C₁,P_sC₁C₁PIP_°PSPSC₁ P_jP_sP₁P_°P_°PIP_u P_°P_°C₁C₁P_u PSP_°
PSP_uC₁C₁C₁P_eP_sP_rP₁P_uPSC₁ C₁P_eC₁-C₁C₁.

P₄C₇P₆ PIP₆PiP°PrPePsPIPsPjC₇ C₇C₇P°P¶P_μPSPSC- C₇P»P₆P·PsPIPsC— PsP±PsP»PsPSPeP₆
 PsPeP° P₆C₇PsPjP₆PIP°C, P₆ PIPsPrPsC₇ PrP_μPeC- P»C₇PeP° C₇P°P·C-PI (P₆C₇PsC, C₄PIPsPj 15
 C...PI P· P₆P_μC₇P_μC₇PIPsC₇ 10 C...PI) P°P±Ps 3 % C₇PsP·C₇P₆PSPsPj P±PsC₇PSPsC—
 PeP₆C₇P»PsC, P₆. PhP»C-C— C- PjP°P·C- PSP_μ P·P°C₇C, PsC₇PsPIC₇C₇C, C₇H. P₄C₇P₆
 C₇C₇P°P¶P_μPSPSC- PSPsC₇P° C- PiP»PsC, PeP₆ P·P°C₇C, PsC₇PsPIC₇C₇C, C₇H 0,5 %
 C₇PsP·C₇P₆PS P»P₆PjPsPSPSPsC— PeP₆C₇P»PsC, P₆ P°P±Ps PSP°C, C₇C₇P°P»C₇HPSC- C₇P₆PsPeP₆.
 Pj C₇P°P·C- P₆C₇P₆PN₆PsPjC₇ PIC₇P_μC₇P_μPrP₆PSC₇ B₇“ P₆P₆C, P₆ PIPsPrC₇,
 C,, C₇C₇PeC, PsPIP₆PN₆ C₇C- Pe, PjPsP»PsPePs, PeC₇P°C%₀P_μ B₇“ 0,5 % C₇PsP·C₇P₆PS
 P»P₆PjPsPSPSPsC— PeP₆C₇P»PsC, P₆ P°P±Ps 1 % C₇PsP·C₇P₆PS PsC₇C, PsPIPsC—
 PeP₆C₇P»PsC, P₆ PrPs P₆PsPIPSPsC— PSP_μPN₆C, C₇P°P»C-P·P°C₇C-C— PIPjC-C₇C, C₇
 C₇P»C₇PSPeP°.

$P\kappa P\mu$ $C\acute{I}P\gg C-P\tau$ $P\ddot{i}PsC\grave{H}C\acute{a}C\epsilon C\acute{a}PIP^{\circ}C,P\ddot{e}$ $P\ddot{i}C\grave{H}P^{\circ}PIP\ddot{e}P\gg P^{\circ}$ $P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}C\acute{a}PIP^{\circ}PSPSC\Pi$
 $P\gg C-PeP^{\circ}C\grave{H}C\acute{I}C\grave{H}PePsPiPs$ $P\cdot P^{\circ}C\acute{I}PsP\pm C\acute{a}$ $\mathfrak{e}\mathfrak{H}''$ $C\ddot{a}P\mu$ $PjPsP\Pi P\mu$ $P\cdot P^{\circ}C\epsilon PePsPrP\ddot{e}C,P\ddot{e}$
 $P\cdot PrPsC\grave{H}PsPi\mathfrak{e}\mathfrak{H}^{\text{TM}}$ $C\grave{H}$.

$P-P^{\circ}C\acute{I}C,P_sC\acute{I}C\acute{a}PIP^{\circ}PSPSC\sqcup C\acute{a}P\ddot{i}P_{\mu}C\bar{H}C-P_sP\tau PIP^{\circ}PiC-C,PSP_sC\acute{I}C,C-P^{\circ}P\pm P_s$
 $PiP_sP\tau C\acute{a}PIP^{\circ}PSPSC\sqcup PiC\bar{H}C\acute{a}P\tau P\tau C\bar{H}.$

Pj PiPμC₇C-PsPr PIP°PiC-C,PSPsC₇C,C- C- PiPsPrC₇PIP°PSPSC₇ PiC₇C₇PrPrC₇
P·P°C₇C,PsC₇PsPIC₇PIP°PSPSC₇ P»C-PeP°C₇C₇CHPePsPiPs P·P°C₇PsP±C₇ PjPsP¶P»PëPIPμ
P»PëC€Pμ C,PsPrC-, PePsP»Pë PsC‡C-PeC₇PIP°PSP° PePsC₇PëC₇C,CH PrP»C₇ PjP°C,PμC₇C-

PIPμCḡPμPIPëC%CrC'' PİPsC,PμPSC†C-PNëPSPëPNë CḡPëP·PëPe PrP»Cİİ PİP»PsPrP° P°P±Ps
PrPëC,PëPSPë.

*P—PrP°C,PSC—CÍC,CH PIPİP»PëPIP°C,Pë PSP° C€PIPëPrPeC—CÍC,CH CḡPμP°PeC†C—C— PİCḡPë
PePμCḡC¿PIP°PSPSC- P°PIC,PsC,CḡP°PSCÍPİPsCḡC,PsPj P°P±Ps C-PSC€PëPjPë
PjPμC...P°PSC-P·PjP°PjPë.*

PkPμ PIPİP»PëPIP°C''.

PŸPİPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSCİ PNë PrPsP·Pë.

P''P»Cİİ P·P±CÍPrP¶PμPSPSCİ PrPëC...P°P»CHPSPsPiPs C†PμPSC,CḡCÍ CİPe P·P°CÍC-P±
C€PIPëPrPePsC— PrPsPİPsPjPsPiPë: PSPμPIPμP»PëPePëPNë C€PjP°C,PsC†PsPe PjP°CḡP»C- P°P±Ps
PIP°C,Pë, P·PjPsC†PμPSPëPNë CḡPsP·C†PëPSPsPj P°PjC-P°PeCÍ, PsP±PμCḡPμP¶PSPs
PİC-PrPSPsCÍCİC,CH PrPs PSPsCÍPsPIPëC... PsC,PIPsCḡC-PI PSP° 0,5 вḡ" 1 CÍ.

PμCḡPë CÍPeCÍCÍP°C... PePsPjP°C... CḡPsP·C†PëPS P°PjC-P°PeCÍ P·P°CÍC,PsCÍPsPICÍCḡC,CH
P·PsPIPSC-C€PSCḡPs CÍ PIPëPİP»CİPrC- PİCḡPëPjPsC†PsPe (C,CḡPëPIP°P»C—CÍC,CH
PİCḡPsC†PμPrCÍCḡPë вḡ" PrPs 30 CÍPμPeCÍPSPr).

P''C—C,Pë.

PμCḡPμPİP°CḡP°C, PSPμ P·P°CÍC,PsCÍPsPICÍCḡC,CH PrC—C,CİPj PrPs 3 CḡPsPeC-PI.

PμPμCḡPμPrPsP·C¿PIP°PSPSCİ.

PμPsCÍPëP»PμPSPSCİ PİCḡPsCİPIC-PI PİPsP±C—C†PSPëC... CḡPμP°PeC†C-PNë.

PŸPμCḡP°PİC—Cİ CÍPëPjPİC,PsPjP°C,PëC†PSP°.

PμPsP±C—C†PSC- CḡPμP°PeC†C—C—.

PμCḡPë PIPrPëC...P°PSPSC- PİP°CḡC-PI CḡPsP·C†PëPSCÍ P°PjC-P°PeCÍ PjPsP¶Pμ
PIPëPSPëPePSCÍC,Pë CḡPμC,,P»PμPeC,PsCḡPSP° P·CÍPİPëPSPeP° PrPëC...P°PSPSCİ. PμCḡPë
PjC—CÍC†PμPIPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- PjPsP¶P»PëPIC- PİPsPrCḡP°P·PSPμPSPSCİ,
PrPμCḡPjP°C,PëC,Pë, PμPeP·PμPjP° CÍ PjC—CÍC†C- P°PİP»C—PeP°C†C—C—, P°P»PμCḡPİC—C†PSC-
CḡPμP°PeC†C—C—.

*Pj CḡP°P·C- PİPsCİPIPë P±C¿PrCH—CİPePëC... PSPμP±P°P¶P°PSPëC... CİPIPëC%
PSPμPsP±C...C—PrPSPs P·PIPμCḡPSC¿C,PëCÍCİ PrPs P»C—PeP°CḡCİ.*

PŸPμCḡPjC-PS PİCḡPëPrP°C,PSPsCÍC,C-. 3 CḡPsPePë.

$P_{\mu}C_{\overline{H}}P_{\mu}P^{\circ}C_{\overline{H}}P^{\circ}C, PSP_{\mu}P_jPsP_{\overline{H}}PSP^{\circ}P \cdot P^{\circ}C_{\overline{H}}C, PsC_{\overline{H}}PsPIC_{\overline{H}}PIP^{\circ}C, P_{\overline{H}}P_{\overline{H}}C-C_{\overline{H}}P_{\overline{H}}C_{\overline{H}}$
 $P \cdot P^{\circ}PeC-PSC_{\overline{H}}P_{\mu}PSPSC_{\overline{H}}C, P_{\mu}C_{\overline{H}}P_jC-PSC_{\overline{H}}P_{\overline{H}}C_{\overline{H}}P_{\overline{H}}P^{\circ}C, PSPsC_{\overline{H}}C, C-, P \cdot P^{\circ}P \cdot PSP^{\circ}C_{\overline{H}}P_{\mu}PSPsPiPs$
 $PSP^{\circ}C_{\overline{H}}P_{\overline{H}}PePsPIC_{\overline{H}}C-$.

PJPjPsPIPë P·P±PμC_HC-PiP°PSPSC_H.

$P-P_{\pm}P_{\mu}C_{\overline{H}}C-PiP^{\circ}C, P_{\overline{H}}P_{\overline{H}}C_{\overline{H}}P_{\overline{H}}C, C_{\overline{H}}C_{\overline{H}}C-PSP_{\mu}PIP_{\overline{H}}C_{\overline{H}}P_{\mu}25B^{\circ}P_{\overline{H}}C_{\overline{H}}$
 $PSP_{\mu}PrPsC_{\overline{H}}C, C_{\overline{H}}PiPSPsP_jC_{\overline{H}}PrP_{\overline{H}}C_{\overline{H}}PrC-C, P_{\mu}PN_{\overline{H}}P_jC-C_{\overline{H}}C_{\overline{H}}C-$.

PJPiP°PePsPIPëP°.

$P_{\overline{H}}Ps40P_jP_{\overline{H}}B P^{\circ}P_{\pm}PsPiPs100P_jP_{\overline{H}}C_{\overline{H}}C_{\overline{H}}P_{\overline{H}}P^{\circ}PePsPSP^{\circ}C....$

P_LP°C, PμPiPsC_HC-C_H PIC-PrPiC_HC_HPeC_H. P'PμP· C_HPμC_HPμPiC, P°.

P'PëC_HPsP±PSPëPe.

$P_{\overline{H}}PhP' B B \ll P''P_{\overline{H}}P_{\overline{H}} B \ll P_{\overline{H}}P^{\circ}C_{\overline{H}}P_jP^{\circ}C_{\overline{H}}P_{\mu}PIC, P_{\overline{H}}C_{\overline{H}}PSP^{\circ}C_{\overline{H}}P_{\overline{H}}P_{\overline{H}}C_{\overline{H}}P_{\overline{H}}P^{\circ}B \gg$

P_LC-C_HC_HPμP·PSP°C...PsPrP_HPμPSPSC_H PIPëC_HPsP±PSPëPeP°.

$PJP_{\overline{H}}C_{\overline{H}}P^{\circ}C-PSP^{\circ}, 12430, P-P_{\overline{H}}C, PsP_jP_{\overline{H}}C_{\overline{H}}C_{\overline{H}}P_{\overline{H}}P^{\circ}PsP_{\pm}P_{\overline{H}}., P-P_{\overline{H}}C, PsP_jP_{\overline{H}}C_{\overline{H}}C_{\overline{H}}P_{\overline{H}}P_{\overline{H}}PN_{\overline{H}}$
 $C_{\overline{H}}-PS, C_{\overline{H}}. P_{\overline{H}}C, P^{\circ}PSP_{\overline{H}}C_{\overline{H}}-PIP_{\overline{H}}P^{\circ}, PIC_{\overline{H}}P_{\overline{H}}. P_{\overline{H}}PsC_{\overline{H}}PsP_{\overline{H}}C_{\overline{H}}PsPIP^{\circ}, P_{\pm}. 4.$