



ε

M

$\check{E}_n$

$\mathfrak{p}$

Ψ

$\mathfrak{b}$

$\mathfrak{z}$

ε

M

$\check{E}_n$

H_Ψ

$\mathfrak{p}$

Ψ

$\mathfrak{b}$

$\mathfrak{z}$

$\tilde{w}$

$\mathfrak{z}$

$\tilde{w}$

$\mathfrak{p}$

$\tilde{w}$

1

ε

M

$\check{E}_n^\wedge$

γ

$\check{H}$

$\mathfrak{p}$

$\check{E}_n$

$E^\sim$



3

M

 E_{eff}
$$b \quad \Psi \quad \mathfrak{b} \quad \updownarrow$$
[illegible]

$\mathfrak{E}$ Ψ κ $\mathfrak{b}$ $\mathcal{H}\Psi$ κ $\bar{w}$ $\hat{A}$ κ $\mathfrak{c}$ $\mathfrak{f}$
 γ κ $\hat{A}$ κ $\mathbb{F}$ $\mathfrak{F}$ $\grave{a}$ $\hat{e}$ $\mathfrak{E}_{\mathfrak{u}}$ $\grave{\mathfrak{I}}$ $\mathfrak{b}$ $\uparrow$
 $\mathfrak{b}$ κ $\mathfrak{c}$ $\mathfrak{b}$ $\mathfrak{r}$ $\hat{A}$ $\mathfrak{b}$ $\mathfrak{P}$ κ $\mathfrak{E}_{\mathfrak{u}}$ $\mathcal{H}$ $\mathfrak{r}$ $\mathfrak{c}$
 $\mathfrak{u}$ $\mathfrak{l}$ $\mathfrak{c}$ $\mathcal{H}\Psi$ $\hat{e}$ $\mathfrak{E}_{\mathfrak{u}}$ $\grave{\mathfrak{I}}$ $\mathfrak{U},\mathfrak{r}$ $\mathfrak{c}$ $\mathfrak{J}$
 $\mathfrak{c}$ $\hat{A}$
 $\neq$ Ψ $\mathfrak{r}$ $\mathfrak{c}$ $\textcircled{\mathfrak{P}}$ $\grave{a}$ $\mathfrak{U},\mathfrak{r}$ $\mathfrak{E}_{\mathfrak{u}}$ $\mathfrak{p}$
 $\mathfrak{b}$ $\mathfrak{B}$ $\mathfrak{E}_{\mathfrak{u}}$ $\mathfrak{p}$ $\mathcal{L}$ $\mathcal{L}$ $\grave{a}\%$ $\grave{a}$ $\mathfrak{r}$
 $\mathcal{L}$ $\hat{A}$

$$\begin{array}{ccccccc} \overset{\circ}{\Psi} & \overset{\circ}{\Psi} & \overset{\circ}{\mathfrak{t}} & & \overset{\circ}{\Psi} & \mathfrak{b} & \mathbb{F} \mathfrak{z} & \overset{\circ}{\mathfrak{v}} & \hat{A} \\ \mathfrak{H} & \mathbb{E}_{\mathfrak{u}} & \mathfrak{p} & & \mathfrak{u} & \overset{\circ}{\Psi} & \mathfrak{H} & \overset{\circ}{\mathfrak{M}} \wedge & \mathbb{H} \Psi & \mathfrak{y} \\ & \mathfrak{b} & \overset{\circ}{\Psi} & & \mathfrak{b} & \hat{A} & & & & \end{array}$$
$$\begin{aligned}
 & \mathbb{K} \quad \quad \quad \Psi \quad \quad \quad \mathbf{h} \quad \quad \quad \cdot \\
 & \hat{\mathcal{W}} \sim \quad \quad \quad \mathcal{E}_n \quad \quad \quad \mathbf{H} \quad \quad \quad \check{\mathbf{u}} \quad \quad \quad \cdot \\
 & \hat{\mathbf{H}} \sim \quad \quad \quad \check{\mathbf{u}} \quad \quad \quad \mathbf{T} \quad \quad \quad \check{\mathbf{b}} \quad \quad \quad \cdot \\
 & \hat{\mathcal{W}} \sim \quad \quad \quad \check{\mathbf{u}} \quad \quad \quad \mathbf{T} \quad \quad \quad \dot{\rho} \quad \quad \quad \check{\mathbf{b}} \quad \quad \quad \dot{\rho} \quad \quad \quad \mathbf{L} \quad \quad \quad \mathcal{M} \quad \quad \quad \cdot \\
 & \hat{\quad} \sim \quad \quad \quad \check{\mathbf{u}} \quad \quad \quad \mathbf{T} \quad \quad \quad \mathcal{E}_n \quad \quad \quad \dot{\rho} \quad \quad \quad \mathbf{L} \quad \quad \quad \cdot \\
 & \hat{\mathcal{J}} \sim \quad \quad \quad \mathbf{a} \quad \quad \quad \hat{\mathbf{e}} \quad \quad \quad \mathcal{E}_n \quad \quad \quad \check{\mathbf{I}} \quad \quad \quad \mathbf{H} \quad \quad \quad \Psi \quad \quad \quad \cdot \\
 & \hat{\mathcal{E}} \sim \quad \quad \quad \check{\mathbf{a}} \quad \quad \quad \check{\mathbf{a}} \quad \quad \quad \mathbf{T} \quad \quad \quad \Psi \quad \quad \quad \check{\mathbf{e}} \quad \quad \quad \mathcal{E}_n \quad \quad \quad \check{\mathbf{I}} \quad \quad \quad \check{\mathbf{i}} \quad \quad \quad \mathbf{H} \quad \quad \quad \hat{\mathcal{A}} \\
 & \mathbb{H} \quad \quad \quad \hat{\mathcal{J}} \sim \quad \quad \quad \mathbf{a} \quad \quad \quad \hat{\mathbf{e}} \quad \quad \quad \mathcal{E}_n \quad \quad \quad \check{\mathbf{I}} \quad \quad \quad \mathbf{H} \quad \quad \quad \Psi \quad \quad \quad \cdot \\
 & \hat{\mathcal{W}} \sim \quad \quad \quad \mathcal{E}_n \quad \quad \quad \cdot \\
 & \hat{\mathbf{H}} \sim \quad \quad \quad \mathbf{H} \quad \quad \quad \check{\mathbf{a}} \quad \quad \quad \cdot \quad \quad \quad \mathbf{H} \quad \quad \quad \check{\mathbf{i}} \quad \quad \quad \check{\mathbf{a}}
 \end{aligned}$$

ä `E_н κ ψ = H ä ^б ℱ κ ,
 ^ ∩ ∩ ∩ ~ H ä ^б ч `E_н ≠ ~ H ä
^б ∩ γ ,
 ^ ~ ≈ χ κ ψ ψ ~ H ψ б ≈ ~ h
 κ ψ ψ ≈ ~ h κ ψ ψ ,
 ^ л ~ л κ ψ ψ ℱ ,
 ^ `E ~ ч w ñ ∨ Ж ~ H ä ^б ,
 ^ ≠ ~ `E_н ì ∩ Â
 ∨ ^б ψ `E_н ∩ H ŭ ì ä ŭ ∩ ρ
 б ~ ρ L Й ↓ H ^б ψ ∩ ∩ ^б ∨ Q X ~ ∩
 H ψ ,
 ^ w ~ ∩ ψ ∩ ŭ ∩ ∩ ∩ H ä ρ L E ∩ ,
 ^ H ~ ∩ ∩ ∩ ∩ `E_н ∩ ∩ ψ H ∩ ,
 ^ ∩ ∩ ∩ ~ κ ∩ ∩ ∩ `E_н ∩ ∩ ,
 ^ ~ ψ % ∩ ∩ ∩ γ ∩ б ℱ ψ ä ψ ∩ ∩ ψ
 ,
 ^ л ~ ä ä ∩ ψ ~ ê `E_н Ì ì ∩ H Â
 ∨ w ^б ψ ŭ ∩ б . γ
 Й ,
 ^ w ~ ∩ ~ F ∩ ~ ≠ L
 ∩ ì ∩ ,
 ^ H ~ л H ψ ℱ ,
 ^ ∩ ∩ ∩ ~ ~ ŭ ,
 ^ ~ б ~ ä % ä ŭ

ǔ HυQ̃ б о `E_и h κ ã L_→ Hυ ã
 ♭ ̂ Â
 ʎ Hυ ♭ ψ ǔ τ ρ б . γ Й
 ^ w̃ ~ ˘ ρ L ˘ ,
 ^ Hυ ~ `E_и ρ б ⅜'
 ^ ˆˆˆ ~ B `E_и ρ ⅜ ,
 ^ ~ ρ б Â `E_и ρ ʟ ♭ ψ
 ʟ б̃ ρ . ρ б ɢ ρ ⅜ , γ ǔ ρ б ʟ ǔ
 ' ρ ' ʘ ʟ ã ⅜ ˘
 ' Q ♭ ψ Â
 (ʝ)ʟ Hυ ψ ʟ ρ б ã γ ǔ ǔ ,
 (E)M ρ б ψ Hυ ã ʝ β H
 ˘ Â
 ˆˆˆ ~ ˘ Hυ ψ ♭ ψ ρ
 M Й ↓ Hυ w̃ ~ ʝ í ʟ ' ♭ ψ Â
 ǔ ˆˆˆ `E_и ã б б ~ ǔ ʝˆˆˆ ʟ'
 ʟ'
 ^ w̃ ~ `E_и ˘ a ã ʟ G ã ˘ ˘ ã ʟ б ˆˆˆ ã
 ʟ ˘ ^ ã y ʝ ˆˆ ã Hυ ʘ , ,
 ^ Hυ ~ `E_и γ ǔ б Hυ ã ♭ ã κ ã L
 ♭ ǔ ì ˘ , Â
 ʎ ♭ ψ ρ ' ρ ʟ ǔ ˘
 ~ `E_и ρ L ʝ í й τ ~ ʟ Hυ ψ ʟ Â Hυ ψ
 ♭ ψ ʝ `E_и ρ L ~ G ♭ ã ψ
 Hυ ʝ `E_и ρ L ~ Hυ ψ ǔ ʝˆˆˆ ʟ
 ʟ ʝ γ ÂE_и E ʟ ʟ ρ L
 ã ʝ X ~ γ ǔ ʝ ʝ Â
 ʎ ʝ `E_и Hυ ψ ì ♭ ψ ρ ʝ í E



3

M

$$E_{\text{eff}}$$
$$b \quad \Psi \quad b \quad \updownarrow$$
$$H_{\Psi} \hat{A}$$
[illegible]
$$\approx \text{H} \quad \hat{A}$$

E $\updownarrow$

[illegible]
$$\mathfrak{b} \quad \updownarrow \quad \mathfrak{b} \qquad \mathbb{H} \qquad \acute{k} \quad \Delta \quad \hat{e} \quad \mathbb{E}_{\mathfrak{u}}$$
$$\tilde{I} \quad \hookrightarrow \quad \mathfrak{z} \quad \hookrightarrow \quad \hat{e} \in E_{\tau_n} \quad \tilde{I} \quad \hookrightarrow \quad H_\Psi$$
 $\mathfrak{b} \quad \acute{k} \quad \hat{A}$
$$\hat{\mathcal{L}}_{\mathcal{H}} \nabla \mathcal{J} \quad \mathfrak{b} \quad \updownarrow \quad \mathbb{E}_{\mathfrak{r}_n} \quad \mathbb{H}_{\Psi} \hat{A}$$
$$\mathfrak{Z} \quad \mathfrak{V} \mathbb{E} \quad \mathfrak{b} \quad \updownarrow \quad \mathbb{E}_{\mathfrak{m}} \quad \mathbb{H} \Psi \quad \mathfrak{X} \quad \mathfrak{z} \quad \acute{k} \quad \mathfrak{z} \quad \mathfrak{Q} \hat{A}$$
 ε M 'E_u

2025 7