

ч ☼ 'E_u ^ r 'E_u E H
 ê v 'E_u Ĩ rê 'E_u ÌE ãê
 ☼ Ĩ rê☼ ÌE ãê ☼ 'E_u 1_u —
 h ☼ 'E_u Ĩ rê ÌE æ☼ 'E_u Ĩ
 Й rê 'E_u ÌE Â
 H H ч 'E_u 'E_u H Â'E_u H
 ч 'E_u Ъ ^ Й r E ~ Â
 H ê 'E_u Ĩ 'E_u
 1 M MMM Ğ M^ Hψ й x '



,

[illegible]
$$\hat{\mu} \sim \hat{\mu}^{\circ} \circ \hat{E} = 0,$$
$$\begin{array}{ccccccc} \wedge & \sim & \circlearrowleft & \text{'E'} & 0 & \text{'E'} & \circlearrowright \\ & & \circlearrowright & & & & \circlearrowleft \end{array}$$
$$\hat{E} \sim \frac{1}{\hbar} \hat{A}$$
 H
$$\mathbb{H} \quad \mathbb{h}$$
$$\wedge \quad \sim \quad \mathbb{E}_{v_n} \quad \mathbb{H}^+ \quad \vee \quad \mathbb{E}_{v_n} \quad \mathbb{E}_{v_n} \quad \mathbb{H}^+$$
$$\mathbb{E}_{\pi_{\text{reg}}}[\mathcal{L}_{\text{reg}}] = \mathbb{E}_{\pi_{\text{reg}}}[\mathcal{L}_{\text{reg}}^{\text{reg}}] + \mathbb{E}_{\pi_{\text{reg}}}[\mathcal{L}_{\text{reg}}^{\text{test}}]$$
$$\hat{H} \sim \mathbb{M} \setminus E_n \quad \mathbb{M} \setminus E_n \rightarrow \tilde{a}$$

ă ă ’

[illegible] $\mathbb{H}$
$$\hat{\alpha} \sim E_{\nu_{\text{th}}}$$

'E'

$$\hat{\sim} \quad \mathbb{E}_{v_{ii}} \quad h_u \quad \mathbb{H} \quad h$$

,

^ 'E~ Hg à à€; Ì ì

$$M_{\text{eff}} = \frac{M}{1 + \frac{1}{2} \frac{M}{m_0}}$$

^ ~ H ä ää,ä Ì ä ì ê 'E_n

İ ̈ © İ̇ , Ė_{vi} ä H ä 7

$$\hat{\eta} \sim E_{\nu_H} \quad \dot{t} \quad 1 \quad u \quad H^2 \quad ,$$
$$\hat{\alpha} \sim \tilde{\alpha} \quad \tilde{\alpha} \sim \tilde{\alpha} \quad \tilde{\alpha} \sim \tilde{\alpha}$$



H 0 Ъ 7 Â

H

ñ H H H Â H H

ч H à H № H H Ъ ĭ

Â

E_n H H' M ^ H

Â H Ъ H' ì ì

Ъ H E_n H' Â

H' ð ð ð à Â

W E_n H H' E Й

^ ~ H à H' H à

ê, ð Ĭ à ' à

^ H~ H à H' à ^ ~

^ ð ð ~ H à H' E à à à

Â

⊙ 1 E_n 1 Â

W E_n H ĭ № , Ъ Â

H E_n E Â

H 7 E_n Ъ Ъ , Â

W_H H Й , E_n H

ì ' ^ ~ , ^ H~ ð ð Ъ , ^ ð ð ~ , ^ ~ ĭ àê, ð Ĭ à ì ê E_n Ĭ E_n à Â W_z E_n E ⊙ ð H ð ð H Â

$\hat{E} \sim M \hat{H} \quad \mathcal{D}$

,

 $\hat{\sim} \quad \tilde{e} \, E_n \quad \tilde{I}$

,

 $\hat{\tilde{\eta}} \sim \quad \tilde{a} \quad E \quad ,$
 $\hat{\sim} \quad E_n \quad \tilde{a} \quad \hat{A}$

H

 $\tilde{a}$
 $\hat{e} \, E_n \quad \tilde{I}$
 $\tilde{Y} \, \mathfrak{b}$

,

 $\hat{\sim} \quad \sim \quad \tilde{a} \, M \quad E_n \quad \tilde{a}$
 $\dot{t}$

H

,

 $\hat{H} \sim \quad \tilde{a} \quad \tilde{a} \quad \tilde{a} \quad \mathfrak{b} \quad \tilde{a}$
 $\tilde{a} \, E \quad ,$
 $\hat{\hat{\hat{\sim}}} \quad E_n \quad \dot{t} \quad E_n \quad E_n$
 $\dot{t}$
 $\mathfrak{f}$
 $E_n \quad \dot{t}$

,

 $\hat{\sim} \quad \sim \quad \tilde{a} \, M \quad \mathfrak{b} \quad \tilde{Y} \, \mathfrak{b}$

,

1 $\tilde{a}$
 $\omega \, E_n$

,

 $\mathfrak{f} \quad ,$

2 $\tilde{a} \quad E_n \quad \dot{t} \quad \mathfrak{f} \quad \tilde{a} \quad \tilde{a}$

,

3 $\tilde{a} \quad E_n \quad H \, \tilde{a} \quad \tilde{a} \, \mathfrak{f} \quad \tilde{I} \quad \dot{t}$
 $M \hat{\sim}$
 $\mathfrak{f} \quad ,$

4 $\tilde{a} \quad \mathfrak{b} \quad \tilde{a} \quad \tilde{a} \quad E_n \quad \tilde{a}$
 $\omega \quad 1 \quad ,$

5 $\tilde{a}$
 $\dot{t} \quad H \quad ,$

6 $\tilde{a} \quad \mathfrak{f} \quad ,$

7 $\tilde{a} \quad E_n \quad H \quad \mathfrak{b} \quad ,$

8 $\tilde{a} \, \mathfrak{b} \, E_n \quad \dot{t} \quad \hat{A}$
 $\tilde{\eta}$

H

 $\tilde{a}$
 $\hat{e} \, E_n$
 $\tilde{I}$
 $\tilde{Y} \, \mathfrak{b}$

,

 $\hat{\sim} \quad \sim \quad \mathfrak{f} \quad E_n$

E_n E_n $\tilde{a}$,
 $\hat{H} \sim$ E_n $\sim$ 1 $E \hat{A}$
 $\mathbb{P} \mathbb{P}$ $\tilde{a}$ $\mathbb{P}$,
 $\hat{\mathbb{P}} \sim \tilde{a}$ $\tilde{a}$ E_n $\sim$
 E ,
 $\hat{\sim} \mathbb{P}$ $\hat{N}_0$ $\hat{\sim}$,
 $\hat{\sim}$ $\mathbb{P}$,
 $\hat{E} \sim 8$ $\mathbb{P}$ $\sim \eta$,
 $\hat{H}$