

$g, \tilde{U}$

M

$\tilde{E}$

H_Ψ

H

$\updownarrow$

$g, \vec{v}$ M E^x

$$H\psi \quad H \quad \updownarrow$$
$$\bar{w} \quad k \quad \updownarrow$$

$\bar{w}$ $\psi \bar{G}$ $g, \bar{u}$ m $E^{\sim}$ $\gamma \bar{y}$ “ $E^{\sim}$ ”
 $H, \psi \omega$ a $\bar{G}$ H, ψ b “ $E^{\sim}$ ” $\tau \bar{v}$
 $\tau \bar{v}$ $\tau \bar{v}$ “ $E^{\sim}$ ” $\gamma \bar{y}$ “ $E^{\sim}$ ” $\tau \bar{v}$
 τ τ $\gamma \bar{y}$ “ $E^{\sim}$ ” τ $g, \bar{u}$ m
 $E^{\sim}$ $\gamma \bar{y}$ “ $E^{\sim}$ ” τ τ τ τ τ
 τ $E^{\sim}$ τ L τ
 H H, ψ κ ψ κ ψ $E^{\sim}$ τ
 H, ψ τ τ τ τ τ τ
 κ τ
 τ $E^{\sim}$ τ $\bar{G}$ H τ H, ψ L

$$\mathbb{L} \quad \mathbb{H} \Psi \Psi \quad \mathbb{H}$$

W 7 b

$$\begin{array}{ccccccc} \mathcal{M} & \mathcal{H}(\Psi, W, E) & \Psi & \mathcal{H} & \mathcal{V} & \mathcal{A} & \mathcal{F} \\ \Psi \models \varphi & \models \mathcal{M} & \models \varphi & & \mathcal{H}(\Psi, W, E) & & \downarrow \\ \mathcal{H}(\Psi, \Psi) & & & \mathcal{H}(\Psi, h) & & & \end{array}$$

H **Ψ**

М л Ё ψ ψ 9 || η r Ё ї ї ↓ ̣ ̣ ̣ ψ

М'Е НΨΨ ' γϣρ

$$\bar{w} \quad e \quad \psi \quad \psi$$
$$H \quad H \quad \ddot{I}$$

U 7

$$0 \quad \Psi \quad ' \quad \odot \quad \bar{w} \quad \mathbb{H} \quad \dot{\rho} \quad \gamma \quad \ddot{i} \quad ,$$
$$9 \quad H_\psi \chi_\psi$$
$$\mathbb{M} \neq \mathbb{H} \cup \Psi \cup \Psi \quad 9 \quad \mathbb{M} \models \chi \quad \mathbb{H} \cup \Psi \cup \Psi$$

Ψ 9  γ ÿ  H γ ÿ ÿ γ ↓ Ψ 1

$$9 \quad H_\psi \chi_\psi \quad \psi \quad \gamma \quad 0$$
$$\bar{U} \not{F} \Psi \quad p_9 \quad \Psi \not{F} \bar{b} \not{F}$$
$$\mathbb{M} \quad \tilde{\eta} \quad \mathbb{H} \quad \psi \quad \psi \quad \tilde{\eta}, \downarrow$$
$$\bar{W} \quad H \psi \psi \quad \psi \quad \gamma F_{\mu\nu} \quad \bar{F} \quad \gamma \quad D \quad \bar{F} \quad \gamma \quad D$$

⌘

$\mathbb{H}$ Ψ γ F_{-1} $\mathbb{F}$ $\mathbb{Z}$ $\mathbb{Z}$

$$\psi \quad \psi \quad \gamma^D \quad \mathbb{F}^D \quad \psi$$

γ^D γ 4% ψ $\gamma^{\sim}$ $\mathbb{D}$ $\mathbb{F}$ $\mathcal{U}$ $\mathbb{H}$

4

⦿ Ψ ⚡

$$\mathbb{M} \times \mathbb{K} \quad \mathbb{H} \times \mathbb{P} \times \mathbb{P} \quad \mathbb{N} \quad \mathbb{Y} \times \mathbb{Z} \quad \mathbb{H} \times \mathbb{F} \quad \mathbb{A} \quad \mathbb{E}$$

H V H P P H , F H b F ~ й
 ï ı H ȧ ȧ F й ↓ ȧ H ȧ H
 H V W H H b F H P P ž b ï ı H
 F H P P ȧ b ȧ P ȧ P ȧ ȧ
 H V H H P ~ E H ï ï ı F
 H P P

Ψ 9

H V̂ H P P H P h 9 h H P h b
 ı b ı ȧ ȧ H " e w H w w

$\mathcal{L} \quad \bar{W} = H \quad = \quad = \quad \mathfrak{f}$
 $H \vee \mathfrak{f} \quad \mathfrak{f} \quad \Psi \quad H \quad \Psi \quad \mathfrak{f} \quad H$
 $\mathfrak{f} \quad \mathfrak{f} \quad \Psi \quad \mathfrak{f} \quad \mathfrak{f} \quad A \mathfrak{f} \quad H \Psi \Psi \quad \mathfrak{f}$
 $\Psi \mathfrak{f} \quad H \Psi W \mathfrak{f} \quad \bar{G} \quad 10$
 $H \vee \mathfrak{f} \quad H \Psi = \quad \mathfrak{f} \Psi \quad H \quad H \quad \bar{G} \quad H$
 $\Psi = \quad \mathfrak{f} \quad \% \quad \dot{X}$
 $\mathfrak{f} \quad H \Psi = \quad \mathfrak{f}$
 $\mathfrak{f} \vee \quad H \Psi \mathfrak{f} \mathfrak{f} = \quad H \Psi \quad \mathfrak{f} \quad \Psi \quad \mathfrak{f}$
 $\mathfrak{f} H \Psi W \mathfrak{f} \quad H \Psi W \mathfrak{f} \quad H \Psi \quad \mathfrak{f} \mathfrak{f} \mathfrak{f} \mathfrak{f} \mathfrak{f} \mathfrak{f} \mathfrak{f} =$
 $\mathfrak{f} \quad \mathfrak{f} \quad H \Psi \quad \mathfrak{f}$
 $\mathfrak{f} \vee H \quad H \Psi \mathfrak{f} \quad \gamma \quad H \Psi \Psi \quad \mathfrak{f} =$
 $\mathfrak{f}$
 $\mathfrak{f}$
 $\mathfrak{f} \vee \mathfrak{f} \quad L \quad H \quad \mathfrak{f} \quad \mathfrak{f} \quad \mathfrak{f} \quad \mathfrak{f} \mathfrak{f}$