

0

$$1 = \text{true } 0$$

$$\omega = H_1 \text{ true } 0$$

$$\omega^2 = H_1(H_1 \text{ true } 0)$$

$$\omega^W = H_2 H_1 \text{ true } 0$$

$$\Sigma \uparrow \uparrow \omega = \boxed{\varepsilon_0 = H_{\omega^W} \text{ true } 0}$$

$$\varepsilon_0^{\varepsilon_0} = H_{\omega^W} H_{\omega^W} \text{ true } 0 = H_{\omega^W \omega^W} \text{ true } 0$$

$$\varepsilon_0^{\varepsilon_0} = \varepsilon_1 = H_{\omega^W \omega^W} \text{ true } 0$$

$$\varepsilon_2 = H_{\omega^W \omega^W \omega^W} \text{ true } 0$$

$$\varepsilon_{\omega^W} = H_{\omega^W \omega^W} \text{ true } 0$$

$$\Sigma \varepsilon_0 = H_{\varepsilon_0} \text{ true } 0$$

$$\boxed{\varepsilon_0 = \varepsilon_1 = H_1 [H_{\omega^W} \text{ true } 0] 0}$$