

$$\begin{array}{ccccc} & & \gamma & & M \\ & & \downarrow & & \downarrow \\ & & \mathbb{E} & & \mathbb{E}^{\sim} \\ & & \downarrow & & \downarrow \\ & & H & & H \\ & & \downarrow & & \downarrow \\ & & \psi & & \psi \end{array}$$