

$$\begin{array}{c} \cdot \cdot \cdot \\ \downarrow -\mathrm{id}_X \end{array}$$

$$\begin{array}{ccc} \cdot \cdot \cdot & \xleftarrow{\mathrm{id}_X} & X \\ & & \downarrow -\mathrm{id}_X \\ & & X \end{array}$$

$$\begin{array}{ccc} X & \xleftarrow{\mathrm{id}_X} & X \\ & & \downarrow -\mathrm{id}_X \\ & & X \end{array}$$

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