

$$\mathbb{H} \triangleleft \overset{\circ}{1} = \overbrace{\mathbb{H} \times \mathbb{H} \overset{\circ}{1} = \mathbb{H} \times \mathbb{H} \overset{\circ}{1}}$$

$$\mathbb{H} \triangleleft \overset{\circ}{1} = 1$$

$$\mathbb{H} \triangleleft \overset{\circ}{1} = 1$$

$$\mathbb{H} \triangleleft \overset{\circ}{1} \xleftarrow{d_0} \mathbb{H} \triangleleft \overset{\circ}{1}$$

$$\mathbb{H} \triangleleft \overset{\circ}{1} \xleftarrow{d_0} 1$$

$$\mathbb{H} \triangleleft \overset{\circ}{1} = \mathbb{H} \overset{\circ}{1} - \mathbb{H} \triangleleft \overset{\circ}{1} = \mathbb{H} \times \overset{\circ}{1} - \overset{\circ}{1}$$