$$\mathbb{1} \in \triangleleft \mathbb{K} \text{ abel Alg}$$

$$\mathbb{1} \blacktriangleleft_{\mathbb{1}} = \in | \mathbb{1} = \text{aut} \mathbb{1} = \frac{\mathbb{1} \xleftarrow[\text{lin}]{\vdash} \mathbb{1}}{\vdash \underbrace{11'} = \underbrace{\vdash 1}1' + 1\underbrace{\vdash 1'}} \mathbb{1} \text{mod}$$

$$\underbrace{\Vdash 1} := \Vdash \underbrace{\vdash 1} \Longrightarrow \Vdash \in \mathbb{1} \blacktriangleleft_{\mathbb{1}} \mathbb{1} \text{mod}$$

$$\underbrace{\Vdash 1}\underbrace{1'} = \Vdash \overbrace{\vdash 1}^{} \overbrace{1'}^{} = \Vdash \overbrace{\underbrace{\vdash 1}1' + 1\underbrace{\vdash 1'}}^{} = \Vdash \underbrace{\vdash 1}1' + \Vdash 1\underbrace{\vdash 1'} = \Vdash \underbrace{\vdash 1}1' + \Vdash 1\underbrace{\vdash 1'} = \overbrace{\Vdash \underbrace{\vdash 1}}^{}1' + 1\overbrace{\Vdash \underbrace{\vdash 1'}}^{}$$