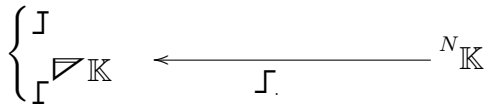
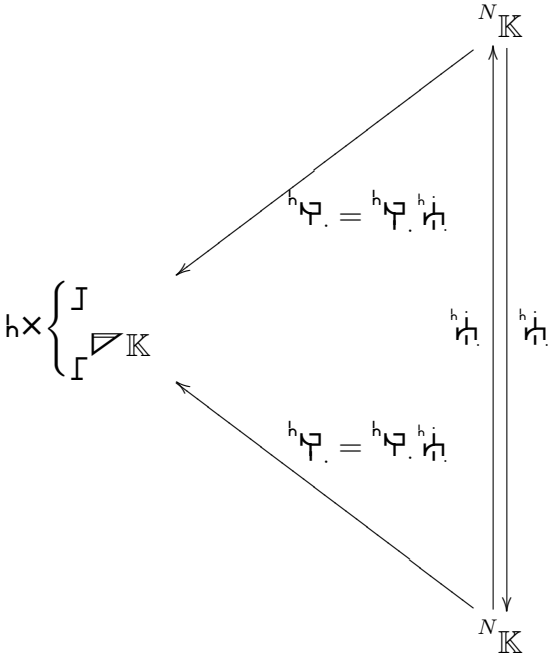


$\mathbb{J} \ni \mathbb{J}_j$ standard basis

$\dot{\mathbb{H}} = \dot{\mathbb{J}}\,\underbrace{\mathbb{J}_{\cdot}\dot{\mathbb{H}}}$: $\quad {}^{i}\delta_j = {}^{i}\mathbb{J}\,\mathbb{J}_j$



$\mathbb{h}\times\mathbb{J} \ni {}^{\mathbb{h}}\mathbb{P}_j$ basis

$\dot{\mathbb{H}} = {}^{\mathbb{h}}\dot{\mathbb{P}}\,\underbrace{{}^{\mathbb{h}}\mathbb{P}_{\cdot}\dot{\mathbb{H}}}$: $\quad {}^{i}\delta_j = {}^{\mathbb{h}}\dot{\mathbb{P}}^{i}\,{}^{\mathbb{h}}\mathbb{P}_j$