$$\Delta \lrcorner = \lrcorner_{i} \boxtimes^{i} \lrcorner$$

$$\Delta \llcorner = \llcorner^{j} \boxtimes_{j} \llcorner$$

$$\lrcorner \in \lrcorner$$

$$\llcorner \in \llcorner$$

$$\ulcorner \llcorner \in \llcorner \leftarrow \lrcorner \bowtie \llcorner \rightarrow \lrcorner \ni \lrcorner_{\llcorner}$$

$$\lrcorner \underbrace{\llcorner \urcorner} = \ulcorner_{i} \llcorner^{j} \quad {}^{i}\lrcorner_{j\llcorner}$$

$$\underbrace{\lrcorner \urcorner}_{\llcorner} = \lrcorner \quad \lrcorner_{i}{}^{\llcorner^{j}} \quad {}^{i}\urcorner_{j\llcorner}$$