$$\langle 1, \langle 1, a \rangle \rangle \longmapsto \langle 1, a \rangle$$
 $\langle A + \emptyset \rangle + B \xrightarrow{\text{as}_{A,\emptyset,B}} A + (\emptyset + B)$
 $ru_A + id_B \xrightarrow{A + B} id_A + lu_B$