$$\langle 1, \langle 1, a \rangle \rangle \longmapsto \langle 1, a \rangle$$
 $\langle A + \emptyset \rangle + B \xrightarrow{\text{as}_{A,\emptyset,B}} A + (\emptyset + B)$
 $\text{ru}_{A} + \text{id}_{B} \xrightarrow{\text{A} + B} \text{id}_{A} + \text{lu}_{B}$