$$\operatorname{mu}_{\operatorname{Arr}(X)}:\operatorname{Arr}(\operatorname{Arr}(X)))\longrightarrow\operatorname{Arr}(\operatorname{Arr}(X))$$

 $[[[\alpha_{1},\beta_{1}],[\gamma_{1},\delta_{1}]],[[\alpha_{2},\beta_{2}],[\gamma_{2},\delta_{2}]]] \longmapsto [[\alpha_{1},\beta_{1}],[\gamma_{2},\delta_{2}]]$