$$\mathbf{Arr}\mathrm{mu}_X : \mathbf{Arr}(\mathbf{Arr}(\mathbf{Arr}X)) \longrightarrow \mathbf{Arr}(\mathbf{Arr}X)$$

$$[[[[\alpha_1, \beta_1], [\gamma_1, \delta_1]], [[\alpha_2, \beta_2], [\gamma_2, \delta_2]]] \longmapsto [[\alpha_1, \delta_1], [\alpha_2, \delta_2]]$$