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

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