

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

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