

$$\alpha(x) = \begin{cases} Funs[X, Y] : \text{the set of } \mathbf{all} \text{ functions from } X \text{ to } Y \text{ (Size}|Y|^{|X|}) \\ S_F = F(k, \cdot) \ni k \in K \text{ (Size}|K|) \end{cases}$$