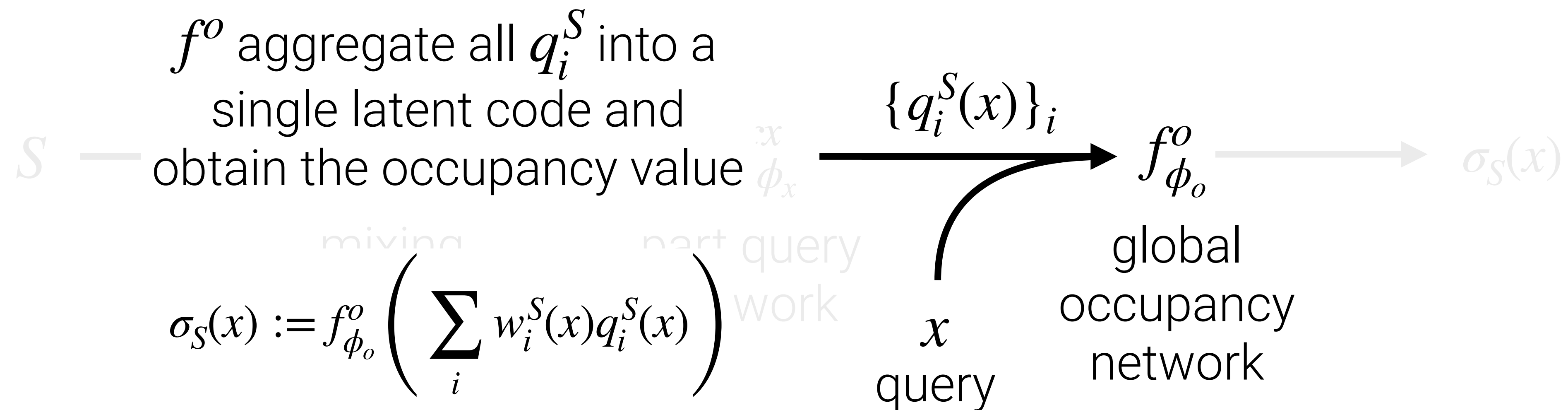


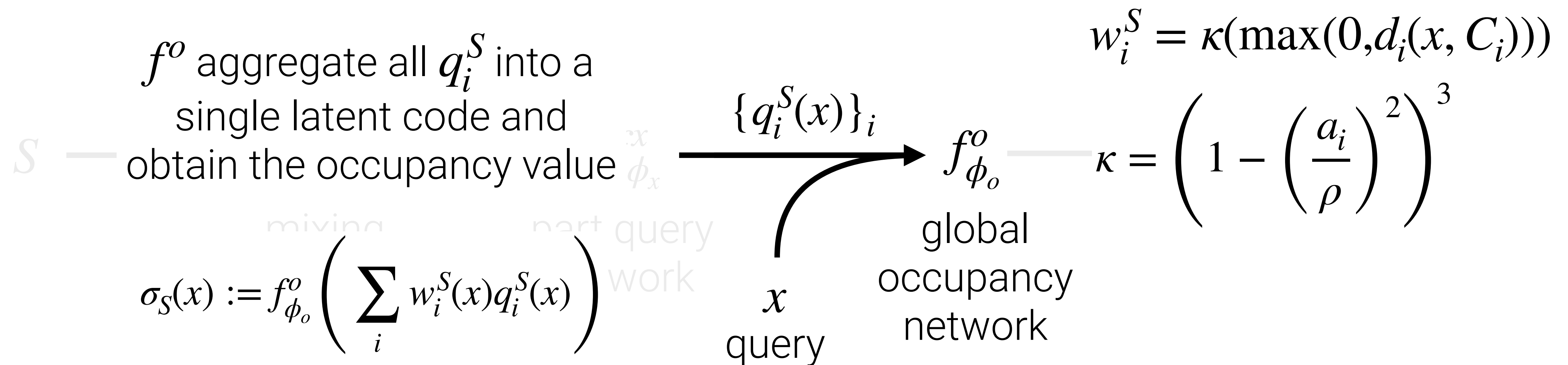
# Method - Generalizable Shape Network

We approximate the object's occupancy  $\sigma(x) \approx \sigma_S(x) := f_\theta(x \mid S)$  where  $f_\theta$  is a neural network given shape parameters.



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$\rho$  define the extent of the joint regions,  $\kappa$  provide a smooth falloff to 0 as  $a_i$  go to  $\rho$ .