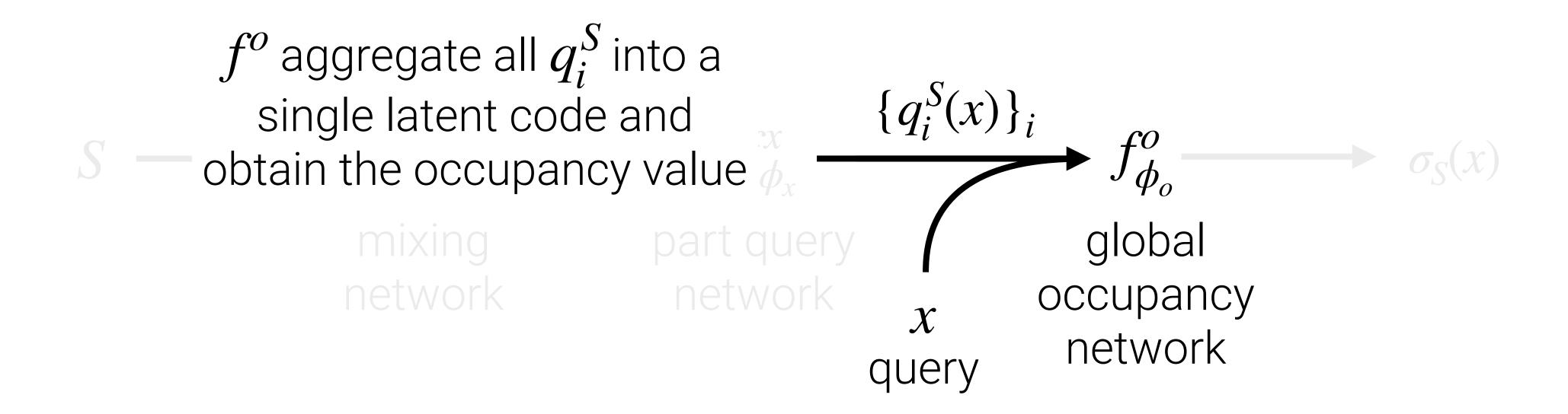
## Method - Generalizable Shape Network

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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$$f^{o} \text{ aggregate all } q_{i}^{S} \text{ into a}$$

$$\text{single latent code and } \underbrace{\{q_{i}^{S}(x)\}_{i}} \underbrace{\{q_{i}^{S}(x)\}_{i}} \underbrace{f_{\phi_{o}}^{o}} \underbrace{f_$$