

Efficient MCMC Sampling with Implicit Shape Representations Jason Chang & John W. Fisher III





$$\Pr\left[\varphi^{(t+1)} = \hat{\varphi}^{(t+1)} \mid \varphi^{(t)}, I\right] = \min\left(\begin{array}{c} \frac{p\left(\hat{\varphi}^{(t+1)} \mid I\right)}{p\left(\varphi^{(t)} \mid I\right)} \cdot \frac{q\left(\varphi^{(t)} \mid Q\right)}{q\left(\hat{\varphi}^{(t+1)}\right)} \right)$$

$$\frac{p\left(\hat{\varphi}^{(t+1)} \mid I\right)}{p\left(\varphi^{(t)} \mid I\right)} \cdot \frac{q\left(\varphi^{(t)} \mid \hat{\varphi}^{(t+1)}\right)}{q\left(\hat{\varphi}^{(t+1)} \mid \varphi^{(t)}\right)}$$

