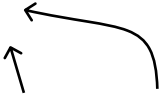


$$q^{\star} \approx \prod_{1 \leq n \leq N} q_n$$



$$q_1 \approx \pi(\cdot | \mathbf{X}_1) \quad q_2 \approx \pi(\cdot | \mathbf{X}_2) \quad q_3 \approx \pi(\cdot | \mathbf{X}_3) \quad q_4 \approx \pi(\cdot | \mathbf{X}_4)$$