

How perfect sampling? — Fills Alg



Relies on Acceptance Rejection Sampling

Key Components :

- Proposal density function : $K^T(z, \cdot)$
- Bounding PMF : $M \times K^T(z, \cdot) > Q(\cdot)$
- Probability of accepting : $P(C^T(z) \mid S^T(x \rightarrow z)) = Q(\cdot) / M \times K^T(z, \cdot)$

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$P(C^T(z) \mid S^T(z \rightarrow x))$ is computationally intractable.

But Acceptance Rejection decisions can be made.