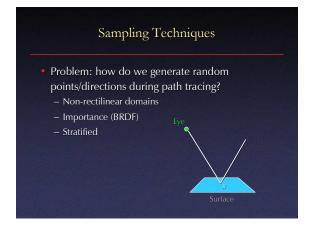
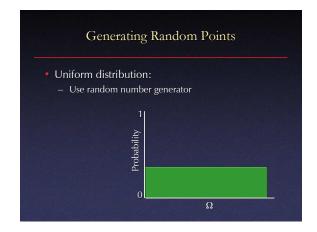
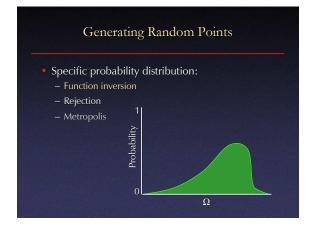


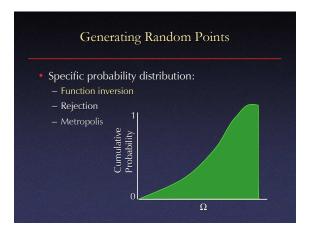
## Outline Motivation Monte Carlo integration Monte Carlo path tracing Variance reduction techniques Sampling techniques Conclusion

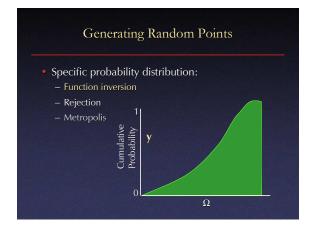


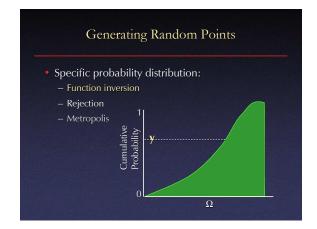


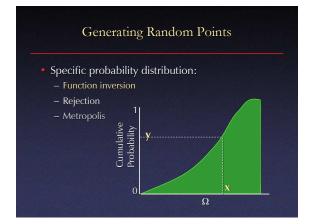


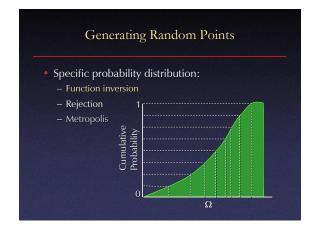


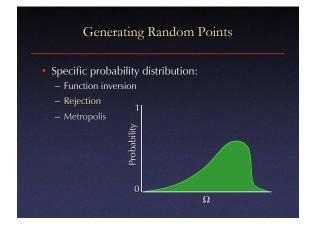


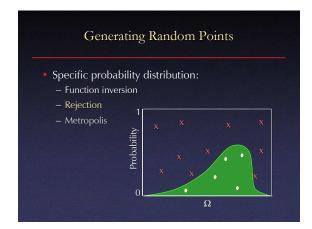












## 

## Balance heuristic Use combination of samples generated for each PDF Number of samples for each PDF chosen by weights Near optimal









