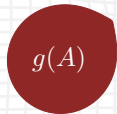


$$\mathbb{P}[A] = \int_A \mathrm{d}x \, \pi(x)$$



$$X = \mathbb{R}^2$$

$$\mathbb{P}[g(A)] = \int_{g(A)} \mathrm{d}y \, \pi_*(y)$$



$$g : X \rightarrow Y$$

$$Y = \mathbb{R}^2$$