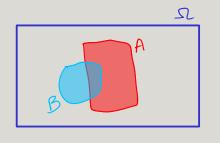
A, B events



$$R(A) = \frac{111}{|\mathcal{I}|}$$

$$R(A|B)$$

$$R(A|B)$$

X, Y are continuous RVs

$$f_{x/y}(x=x|y=y) = \frac{f_{xy}(x=x \cap y=y)}{f_{y}(y)} = \frac{f_{y/x}(y=y|x=x)f_{x}(x=x)}{f_{y}(y)}$$

$$f_{x|y}(x=x|y=y)$$

$$Pr[X=x|Y=y]$$

$$X \sim C R[X = x] = 0$$

$$X \sim \text{Uniform}[0,1] \quad f_{x}(x) = (1 \text{ $x \in \mathbb{N}$})$$

$$P_{x}[x = 0.5] = 0 \quad \text{os}$$

$$P_{x}[0.5 \le x \le 0.5] = \int_{0.5}^{\infty} f_{x}(x) dx = 0$$

$$\Omega = \left\{ \begin{array}{l} 1, 2, 3, 4, 5, 6 \\ 0.4 & 0.05 \end{array} \right.$$

Xournal++

