E[X]= $\int_0^{1.5} \frac{x}{1.5}\,dx = 0.75$

$\sum_i \Pr(x_i)(x_i - \bar{x})$

che chiaramente è nullo se e solo se $x^{=}E[X]$

$\int_{-\infty}^{\infty} |x| f(x)\,dx < \infty$

$E[X^2] = E[Y] = 0 \cdot 0.2 + 1 \cdot 0.5 + 4 \cdot 0.3 = 1.7$

$\Sigma \sum_{n=1}^{\infty}$

$$f(x) = \begin{cases} 1 & \text{if } x < 0. \\ 0 & \text{otherwise.} \end{cases}$$

$$X_i = \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix}$$

$$\begin{aligned} F_Y(a) := P(Y \leq a) & \\ &= P(X^3 \leq a) \\ &= P(X \leq a^{\frac{1}{3}}) \\ &= \int_0^{a^{\frac{1}{3}}} dx \end{aligned}$$

List of Figures

$\frac{nP(E \cap F)}{nP(F)} = \frac{P(E \cap F)}{P(F)}$

$P(accettabile|nonguasto) \neq \frac{P(accettabile,nonguasto)}{P(nonguasto)}$

$$\begin{aligned} A &= \frac{\pi r^2}{2} \\ &= \frac{1}{2}\pi r^2 \end{aligned} \tag{1}$$