

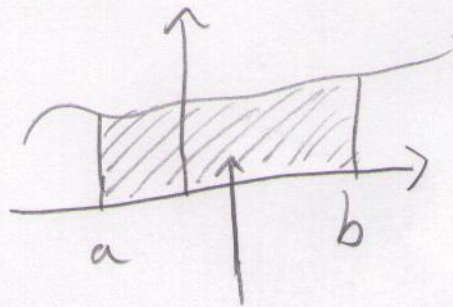
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09 statistik

Definition:

Täthetsfunktion $f_X(x)$

$$\int_a^b f_X(x) dx = P(a < X \leq b)$$

 $P(a < X \leq b)$

$$F_X(x) = P(X \leq x) = \int_{-\infty}^x f_X(t) dt$$

$$f_X(x) = \frac{d}{dx} F_X(x)$$