

N
Dvozmerná normálna porazdelitev $N(\mu_x, \mu_y, \sigma_x, \sigma_y, \rho)$.
ima gostoto $f(x, y) = \frac{1}{2\pi\sigma_x\sigma_y\sqrt{1-\rho^2}} \exp\left(-\frac{(x-\mu_x)^2}{2(1-\rho^2)\sigma_x^2} + \frac{\rho(x-\mu_x)(y-\mu_y)}{(1-\rho^2)\sigma_x\sigma_y} - \frac{(y-\mu_y)^2}{2(1-\rho^2)\sigma_y^2}\right)$.

$$(x, y) \sim N(0, 0, 1, 1, 0)$$

$(R, \Theta) :=$ polarné koordináte $(x, y) \sim \mathbb{Z}_0$

+f. zničar nos
porazdelitev v
polarných coord.

$$R \geq 0$$

$$0 < \Theta < 2\pi$$

$$\text{BSS } (x, y) \in A := \mathbb{R}^2 \setminus \underline{([0, \infty) \times \{0\}]}$$

$$(R, \Theta) \in B := (0, \infty) \times (0, 2\pi) \quad \text{---}$$

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