

Logaritmická rovnice C2

$$2) \quad \log^2 x + 2 \log x = 0$$

$$D = \mathbb{R}^+$$

$$\log x = u \quad \text{substituce}$$

$$u^2 + 2u = 0$$

$$u \cdot (u + 2) = 0$$

$$u_1 = 0 \quad u_2 = -2$$

$$\log x = 0 \quad \log x = -2$$

$$x_1 = 1 \quad x_2 = 10^{-2}$$

$$P = \left\{ 1; \frac{1}{100} \right\}$$

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