

Logaritmická rovnice B2

$$2) \quad \log^2 x + \log x = 2 \qquad D = R^+$$

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

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

$$u_1 = 1 \qquad u_2 = -2$$

$$\log x = 1 \qquad \log x = -2$$

$$x_1 = 10 \qquad x_2 = 10^{-2} = 0,01$$

$$P = \left\{ 10; \frac{1}{100} \right\}$$

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