

4) Řešte v \mathbb{R} nerovnici: $\frac{2x-1}{x+3} \leq 2$

$$\frac{2x-1}{x+3} \leq 2, \quad x \neq -3 \Rightarrow D_f = \mathbb{R} - \{-3\}$$

$$\frac{2x-1}{x+3} \leq 2$$

$$\frac{2x-1}{x+3} - 2 \leq 0$$

$$\frac{2x-1-2x-6}{x+3} \leq 0$$

$$\frac{-7}{x+3} \leq 0 \Rightarrow x+3 > 0$$

$$x > -3$$

$$P = (-3, \infty)$$

[Zpět:](#)