

MATEMATIKA

- DODATNI ZADACI

1. $f(x) = \sqrt{\frac{x+2}{4-x}} + \log_3(64-x^2) + 8^{-4x+2}$

$$\sqrt{\frac{x+2}{4-x}} = \frac{\sqrt{x+2}}{\sqrt{4-x}}$$

1) $x+2 \geq 0$

$$x \geq -2$$

2) $4-x > 0$

$$x < 4$$

3. $64-x^2 \geq 0$

$$x^2 \leq 64$$

$$x_1 \geq -8$$

$$x_2 \leq 8$$

$$D_f \in [-2, 4]$$

Najmanji broj: $\boxed{-2}$



Luka / Pdo
Ivanić / Matić