

2. NASTAVAK

$$\underline{x_4 = 0}$$

$$x_2 + 3 \cdot (-4) = 2$$

$$x_1 + 14 - \frac{1}{2}(-4) + \frac{1}{2}0 = 2$$

$$x_3 - 3 \cdot 0 = -4$$

$$x_2 - 12 = 2$$

$$x_2 = 2 + 12$$

$$x_1 + 14 - 2 = 2$$

$$\underline{x_3 = -4}$$

$$\underline{x_2 = 14}$$

$$x_1 = 2 - 14 + 2$$

$$\underline{x_1 = -10}$$

PREVIŠE GREŠAKA

4. a) $f(x) = \ln(x^2 + 5x + 4) + \arctan(x-2)$

$$f'(x) = \frac{1}{x} (2x+5) + \frac{1}{1+x^2} (1) \quad \times$$

$$f'(x) = \frac{2x}{x} + \frac{5}{x} + \frac{1}{1+x^2}$$

b) $\ln(x^2 + 5x + 4) > 0$

$\arctan(x-2) > 0 \quad ?$

VIDI ANĐELO U GRANIĆ.