

$$p... \bar{x} + 4 = \frac{0+4}{6-0}(x-0)$$

$$\bar{x} = \frac{2}{3}x - 4$$

$$q... \bar{x} + \frac{12}{5} = \frac{\frac{2}{3} + \frac{12}{5}}{\frac{3}{2} - \frac{5}{12}}(x - \frac{5}{12})$$

$$\bar{x} = \frac{8}{5}x - \frac{46}{15}$$

Koeficjenty prawadca nisu jednaki \Rightarrow NISU PARALELNI

$$b) A = A' = (0, 0, -4)$$

$$B = B' = (6, 0, 0)$$

$$x_T = \frac{1}{2}(0+6) = 3$$

$$y_T = \frac{1}{2}(0+0) = 0$$

$$\bar{x}_T = \frac{1}{2}(-4+0) = -2$$

$$T = (3, 0, -2)$$

$$x_{T'} = \frac{d}{\bar{x}_A + \bar{x}_B}(x_A + x_B) = \frac{-6}{-4} = \frac{3}{2}$$

$$y_{T'} = \frac{d}{\bar{x}_A + \bar{x}_C}(y_A + y_C) = 0$$

$$\bar{x}_{T'} = \frac{1}{2}(\bar{x}_A + \bar{x}_C) = \frac{-4}{2} = -2$$

$$T' = (\frac{3}{2}, 0, -2)$$

