

$$\frac{0,7}{x+1,5} \frac{x-2}{x} = \frac{y-2}{x}$$

$$y - 2 = \frac{x(0,7}{x+1,5} \frac{x-2)}{x}$$

$$\gg y - 2 = \frac{0,7}{x+1,5} \frac{x^2-2x}{x} \dots\dots\dots (1)$$

Trougao B :

$$t_1 = \frac{2}{x+2} \quad t_1 (10,22766321^\circ - \beta) = \frac{y-2}{2+x}$$

$$t_1 (10,22766321^\circ - \beta) = \frac{t_1 \cdot 1,2^\circ}{1+t_1 \cdot 1,2^\circ} = \frac{-t_1}{t_1}$$

$$t_1 (10,22766321^\circ - \beta) = \frac{0,1}{1+0,1} = \frac{-\frac{2}{x+2}}{\frac{2}{x+2}}$$

$$\gg \frac{y-2}{x+2} = \frac{(x+2) \cdot 0,1}{x+2} = \frac{-2}{x+2}$$

$$\frac{y-2}{x+2} = \frac{0,1}{x+2,3} \frac{x+5,0}{-2}$$

$$y - 2 = \frac{(x+2)(0,1)}{x+2,3} \frac{x+3,0}{x+2,3}$$

$$\gg y - 2 = \frac{0,1}{x+2,3} \frac{x^2+8,1}{x+2,3} \frac{x+8,4}{x+2,3} \dots\dots\dots (2)$$

Pošto su u jednakostima (1) i (2) iste leve strane, izjedna i emo desne, pa e biti:

$$\frac{0,7}{x+1,5} \frac{x^2-2x}{x} = \frac{0,1}{x+2,3} \frac{x^2+8,1}{x+2,3} \frac{x+8,4}{x+2,3}$$

$$\gg (x + 1,5071081)(0,180426887x^2 + 8,103905672x + 85,45467941) = (0,75355405x^2 - 2x)(x + 28,360853774)$$

Posle sre ivanja, dobija se kubna jedna ina:

$$0,573127163x^3 + 10,99560773x^2 - 154,3898488x - 128,7894395 = 0$$

Metodom probe, dobija se  $x = 10m$ .

Sada emo iz jednakosti (1) na i y:

$$\gg y - 2 = \frac{0,7}{x+1,5} \frac{x^2-2x}{x} = \frac{0,7}{1+1,5} \frac{1^2-2 \cdot 1}{1} = \frac{7,3}{1,5} \frac{-2}{1,5} = 4,81$$

$$\gg y = 6,81m$$