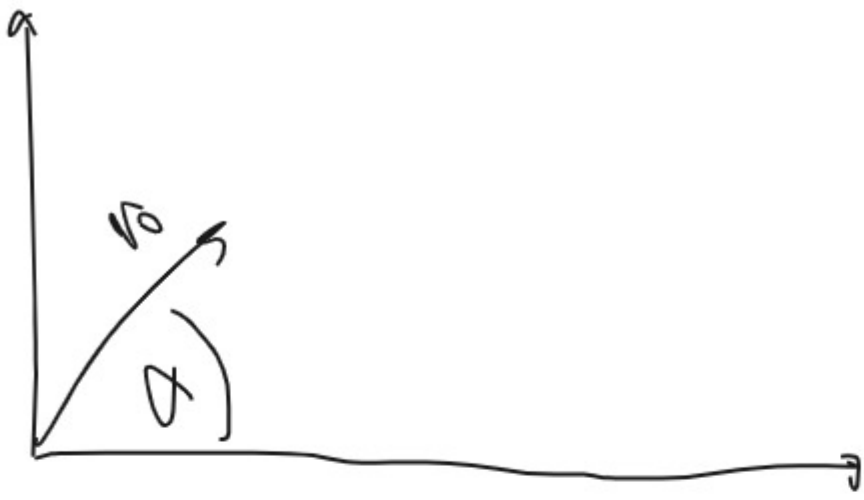
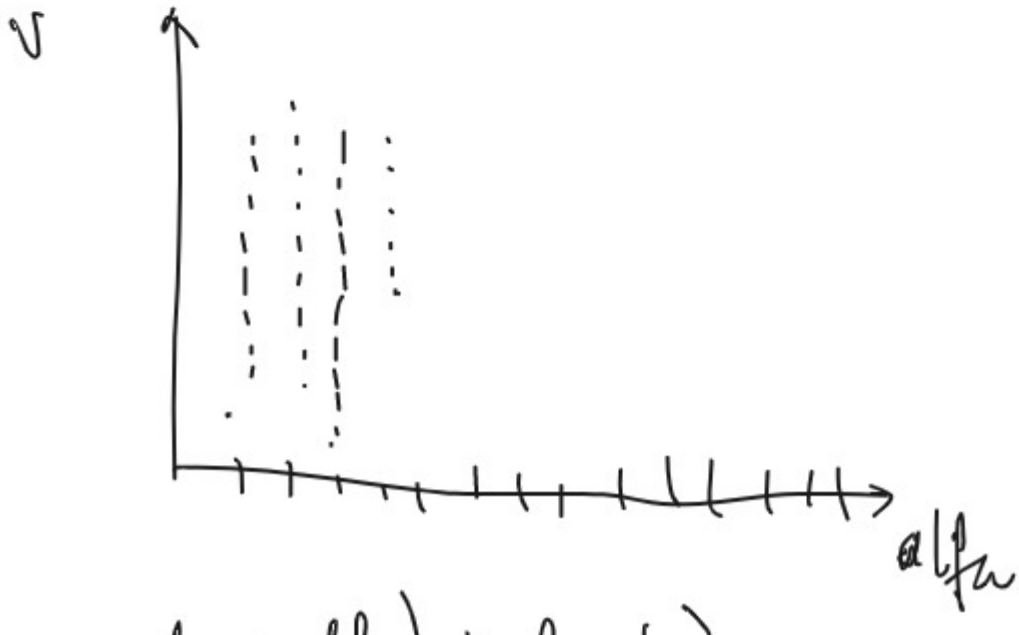
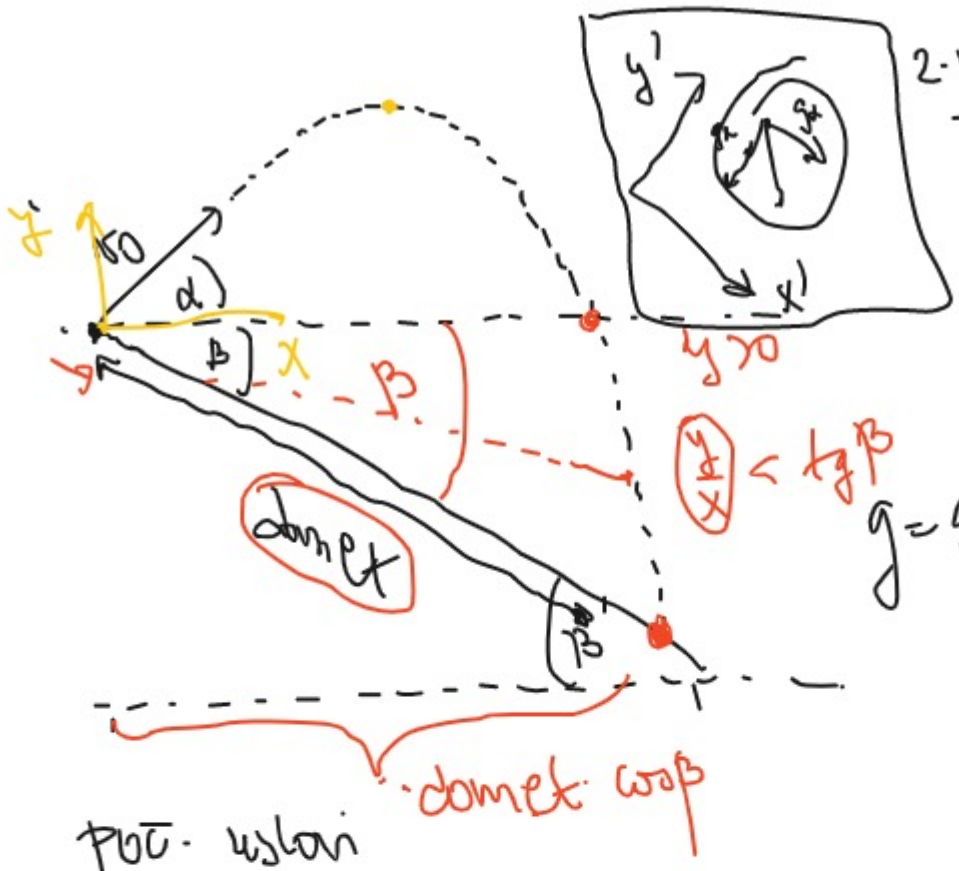


max dometa za $\alpha = 45^\circ$

v_0?



ln(alfa) x ln(v)



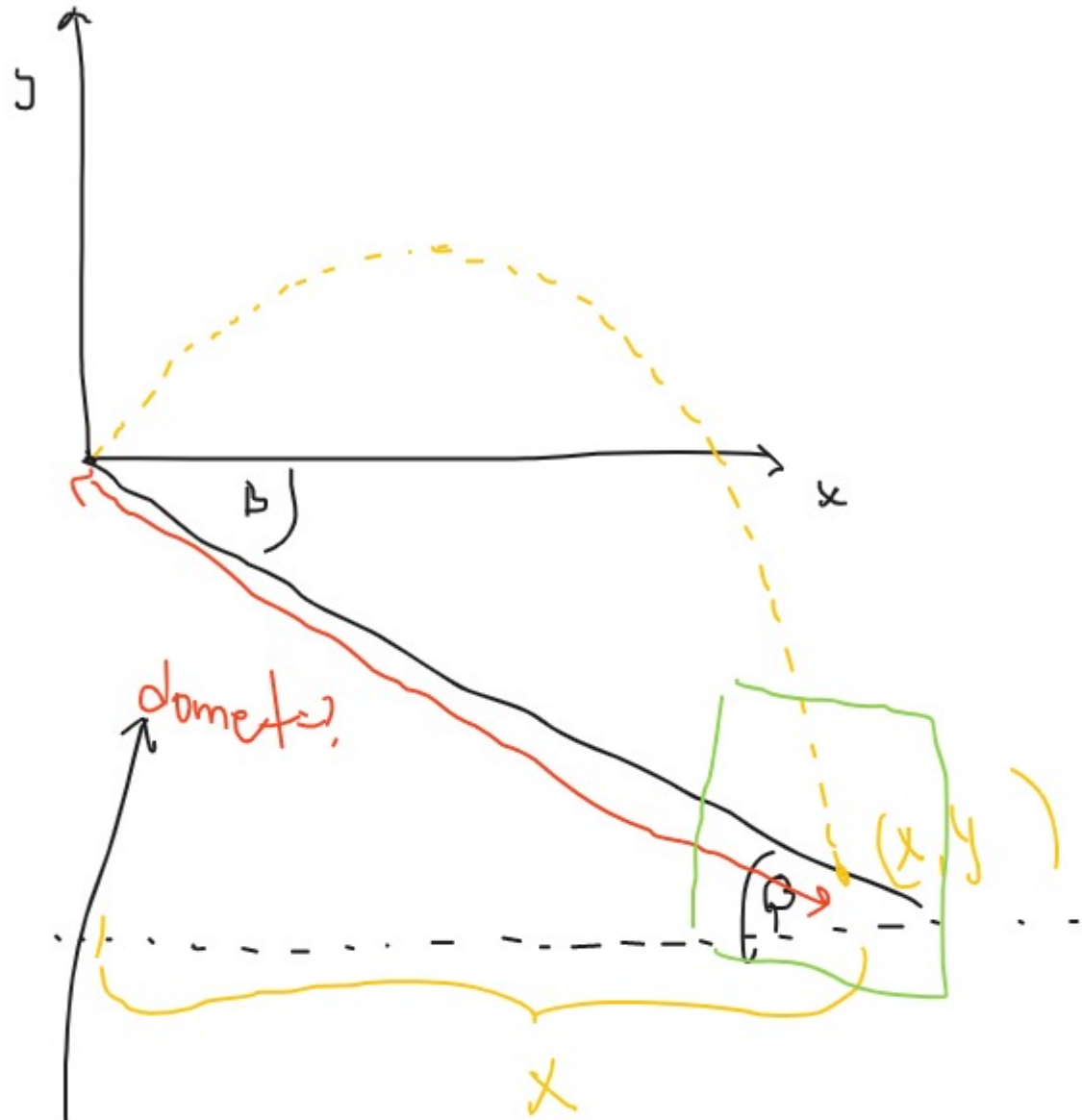
Pot. uslovi

$x, y = 0, 0$

$v_0^{(x)} = v_0 \cos\alpha$

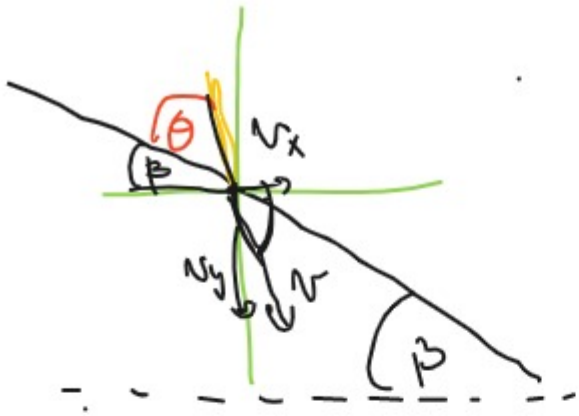
$v_0^{(y)} = v_0 \sin\alpha$

$v_x^0 = const$ ... ravna



$$X = domet \cdot \cos\beta$$

$$domet = \frac{X}{\cos\beta}$$



$$tg(\beta+\theta) = \frac{v_y}{v_x}$$

$$\theta = arc\,tg\,\frac{v_y}{v_x} - \beta$$

$$\beta > 45^\circ$$