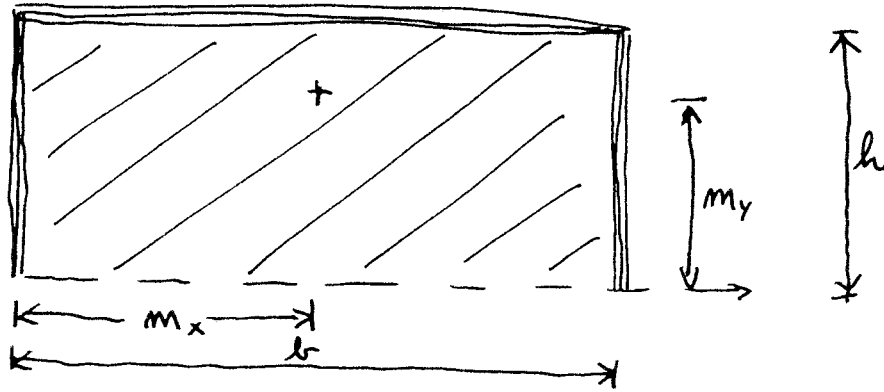


2)



$$P[\text{ZADETKA}] = P[0 \leq X \leq l \cap 0 \leq Y \leq h] = (\text{NEODVISNI } X, Y)$$

$$= P[0 \leq X \leq l] \cdot P[0 \leq Y \leq h] =$$

$$= (F_x(l) - F_x(0)) (F_y(h) - F_y(0)) =$$

$$= \left( F_0 \left( \frac{7.32 - 3.66}{0.5} \right) - F_0 \left( \frac{0 - 3.66}{0.5} \right) \right) \left( F_0 \left( \frac{2.44 - m_y}{0.7} \right) - F_0 \left( \frac{0 - m_y}{0.7} \right) \right)$$

$$= \left( \underset{\approx 1}{F_0(7.32)} - \underset{\approx 0}{F_0(-7.32)} \right) \left( \underset{\approx 0}{F_0 \left( \frac{2.44 - m_y}{0.7} \right)} - F_0 \left( \frac{-m_y}{0.7} \right) \right) = 0.65$$

$$F_0 \left( \frac{2.44 - m_y}{0.7} \right) = 0.65 \Rightarrow$$

$$F_0(0.3853) = 0.65 \rightarrow \frac{2.44 - m_y}{0.7} = 0.3853$$

$$\boxed{m_y = 2.17}$$

$$\text{PREVERIMO, ALI JE } F_0 \left( \frac{-m_y}{0.7} \right) \approx 0 \rightarrow F_0 \left( -\frac{2.17}{0.7} \right) = 0.00097 \checkmark$$