

## Úloha 88

Podmínky řešitelnosti:

$$\left[ \left( \alpha < \frac{\pi}{2} \right) \wedge (u_b \geq v_b) \right] \vee \left[ \left( \alpha \geq \frac{\pi}{2} \right) \wedge \left( \frac{v_b}{\sin \alpha} < u_b \right) \right]$$

Počet řešení:

1, je-li  $\left\{ \left( \alpha < \frac{\pi}{2} \right) \wedge \left[ (u_b = v_b) \vee \left( \frac{v_b}{\sin \alpha} \leq u_b \right) \right] \right\} \vee \left\{ \left( \alpha \geq \frac{\pi}{2} \right) \wedge \left( \frac{v_b}{\sin \alpha} < u_b \right) \right\}$

2, je-li  $\left( \alpha < \frac{\pi}{2} \right) \wedge \left( v_b < u_a < \frac{v_b}{\sin \alpha} \right)$