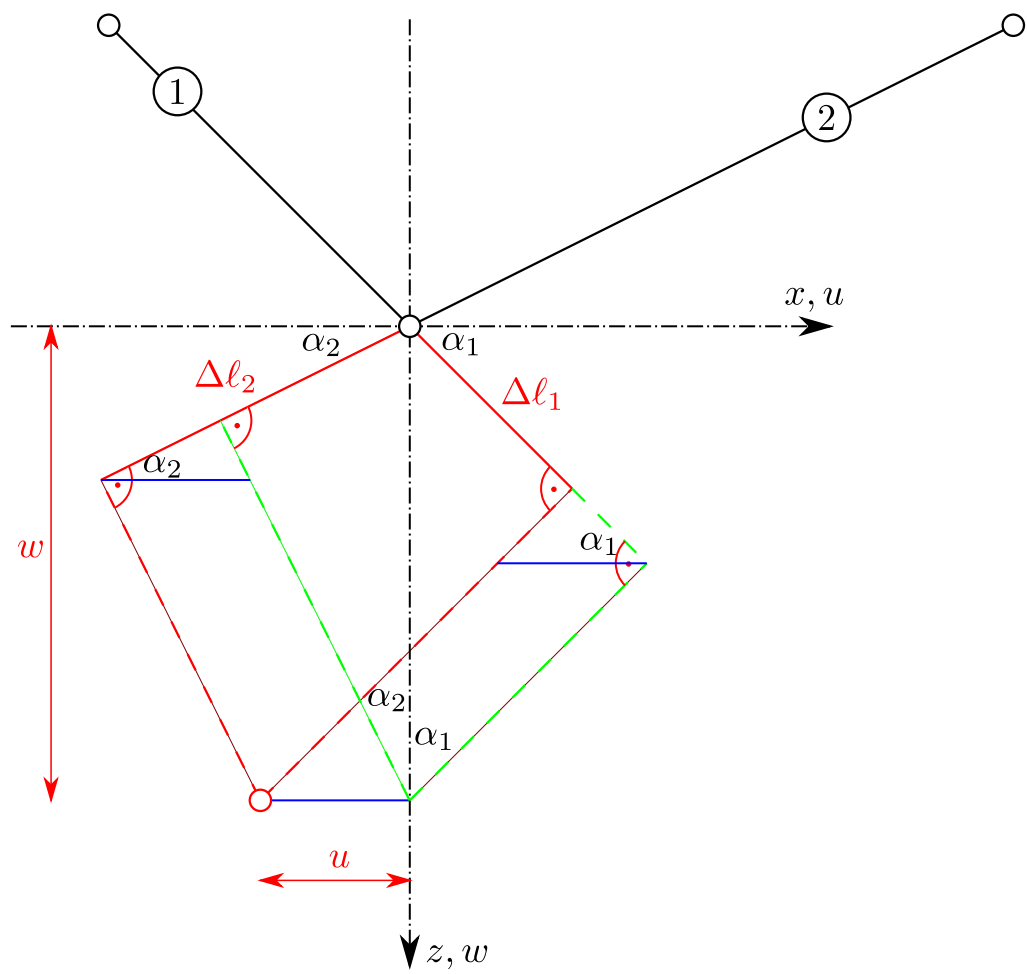
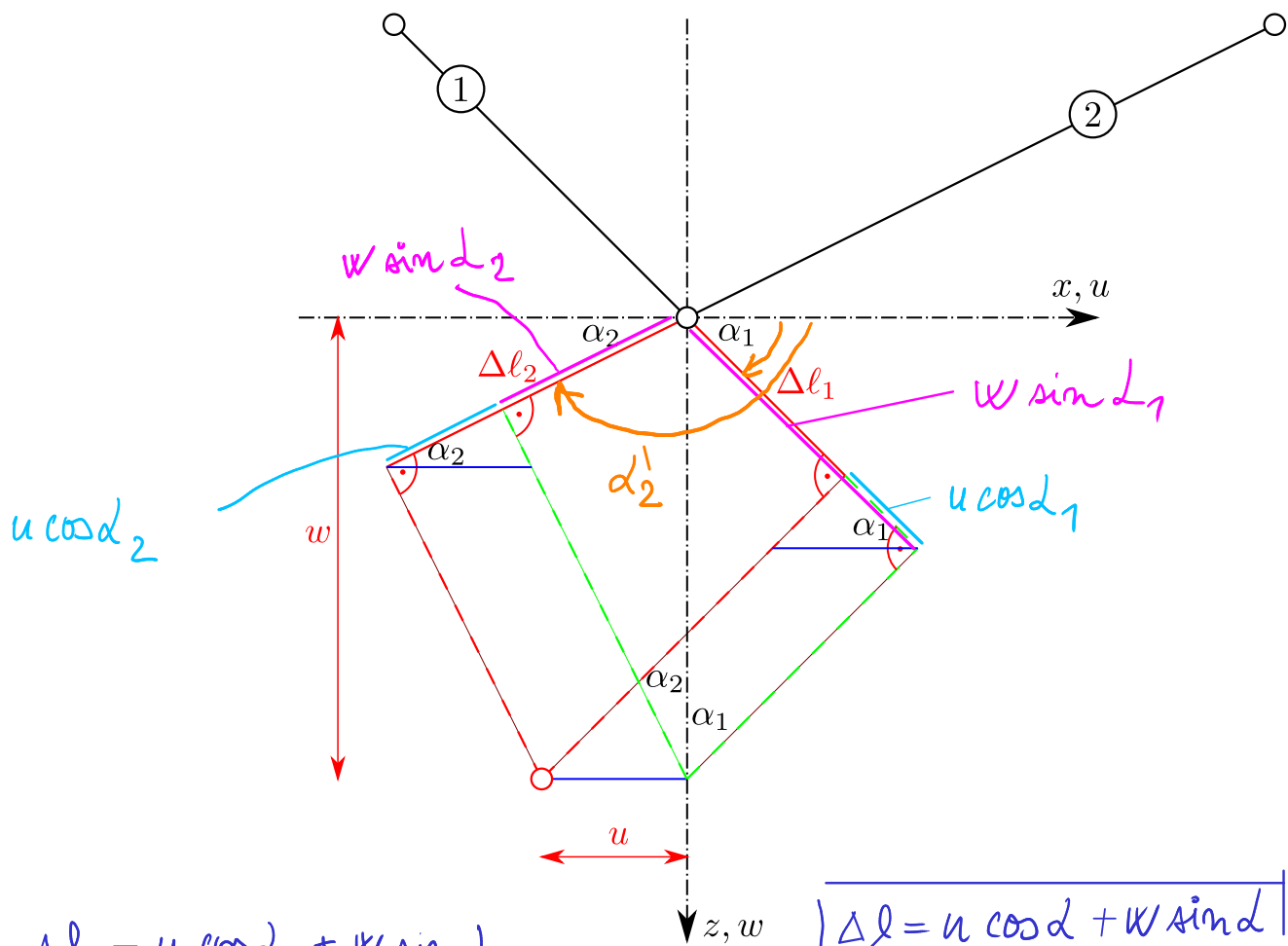






$$\Delta l_2 = u \cos \alpha_2 + w \sin \alpha_2$$

$$w \sin \alpha_1 = \Delta l_1 + u \cos \alpha_1$$

$$\Delta l_1 = 1,528 \text{ mm}$$

$$\Delta l_2 = 2,292 \text{ mm}$$

$$\sin \alpha_1 = \frac{\sqrt{2}}{2}$$

$$\sin \alpha_2 = \frac{\sqrt{5}}{5}$$

$$\cos \alpha_1 = \frac{\sqrt{2}}{2}$$

$$\cos \alpha_2 = \frac{2\sqrt{5}}{5}$$

$$2,292 = \frac{2\sqrt{5}}{5} u + \frac{\sqrt{5}}{5} w$$

$$-1,528 = \frac{\sqrt{2}}{2} u - \frac{\sqrt{2}}{2} w$$

$$\boxed{u = 0,988 \text{ mm}}$$

$$\boxed{w = 3,149 \text{ mm}}$$

$$\boxed{\Delta l = u \cos \alpha + w \sin \alpha}$$

$\alpha \dots$ směřové úhly

$$\sin \alpha_1 = \frac{\sqrt{2}}{2}$$

$$\cos \alpha_1 = \frac{\sqrt{2}}{2}$$

$$\alpha'_2 = 180^\circ - \alpha_2$$

$$\sin \alpha'_2 = \frac{\sqrt{5}}{5}$$

$$\cos \alpha'_2 = -\frac{2\sqrt{5}}{5}$$

$$\Delta l_1 = \cos \alpha_1 u + \sin \alpha_1 w$$

$$\Delta l_2 = \cos \alpha'_2 u + \sin \alpha'_2 w$$

$$1,528 = \frac{\sqrt{2}}{2} u + \frac{\sqrt{2}}{2} w$$

$$2,292 = -\frac{2\sqrt{5}}{5} u + \frac{\sqrt{5}}{5} w$$

$$\boxed{u = -0,988 \text{ mm}}$$

$$\boxed{w = 3,149 \text{ mm}}$$

souřadnice nové polohy
stýčnicku