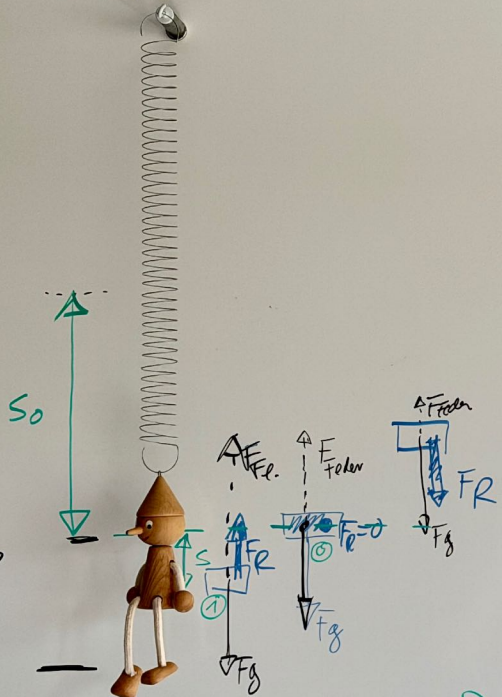


Federpendel

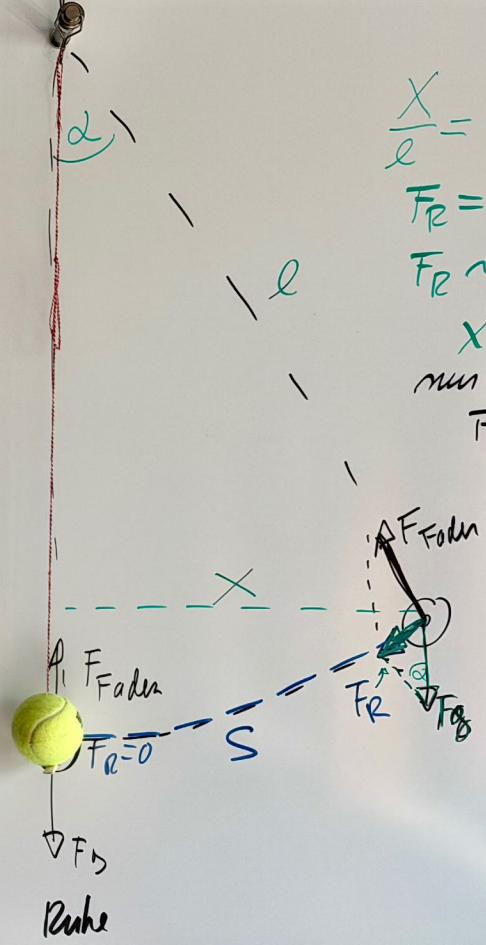


$$F_{R_0} = mg - D \cdot s_0 = 0$$

$$F_{R_1} = mg - D(s_0 + s)$$

$$= mg - Ds_0 - Ds = -Ds$$

Fadenpendel



$$\frac{x}{l} = \frac{F_R}{F_g}$$

$$F_R = \frac{F_g}{l} \cdot x$$

$$F_R \sim x$$

$$x \neq s$$

nur für α klein

$$F_R \sim s$$

