

2. $V_1 = m \cdot P - 70\%$

$$V_2 = m \cdot P - 30\%$$

$$h_{\text{ср}} = \frac{V_1 + V_2}{2} \text{ сн } \times \text{ сн}$$

1.

$$m < M \quad g = 10$$

$$\frac{F_1}{M} = F_2 + F_{\text{тяг}} m$$

3

4

$$v_1 = v_2 \quad g = 10$$

$$x = \frac{h_{1\text{max}}}{h_{2\text{max}}} \quad h_{1\text{max}} = v_{01} \cdot \sin \alpha_1 \cdot \frac{g t^2}{2}$$
$$h_{2\text{max}} = v_{02} \cdot \sin \alpha_2 \cdot \frac{g t^2}{2}$$

3 $d_1 \quad d_2$

$$a \quad A = R_1$$

$$B = R_2$$

$$C = R_3$$

$$\Delta R = ?$$

$$G = ?$$

$$\Delta R = R_1 + R_2 + R_3$$
$$G = \frac{((R_1 + R_2) \cdot (d_1 + d_2)) \cdot I^2}{2}$$