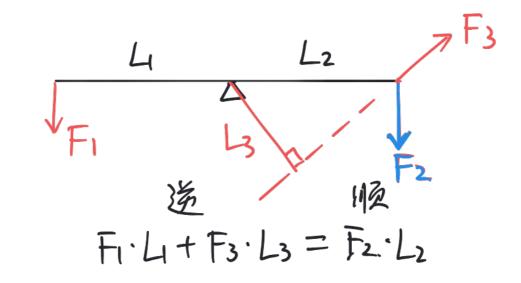
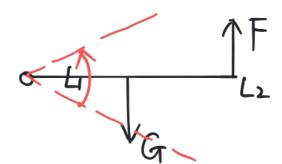
五、杠杆

- ① 裁支点 ② 爱力分析 (不考虑支点)
- ③作为臂 ④.到方程计算



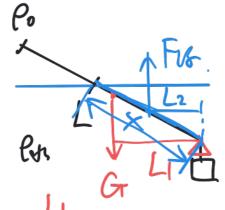
动を分析



↑F F 里直、 F=垒 不变 L2 F 重直L, L1、生指否减, L2不变, F光端否城.

活力却将

33取支点 力柔知处



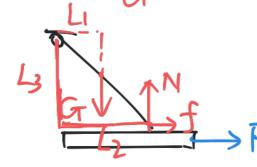


G. Li = Fig. Lz

$$\begin{array}{ll}
G \cdot G \cdot S \cdot L \cdot \frac{L}{2} = P_{1} \cdot g \cdot S \times \frac{X}{2}
\end{array}$$

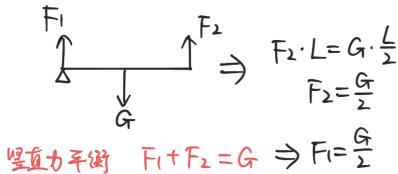
$$60 \cdot \Gamma \cdot \frac{7}{7} = 642 \cdot \times \cdot \frac{5}{2}$$

摩擦杠桁



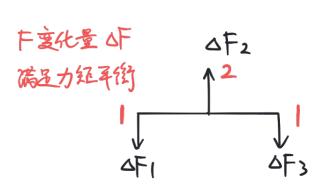
$$\begin{cases} G \cdot L_1 = N \cdot L_2 + f \cdot L_3 \\ f = \mu N \end{cases}$$

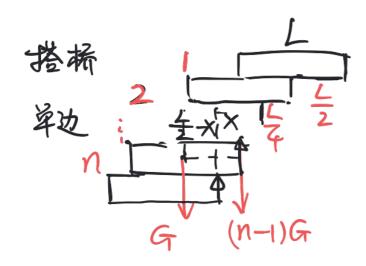
支点变换



$$F_1 \cdot \frac{L}{2} = F_2 \cdot \frac{L}{2}$$

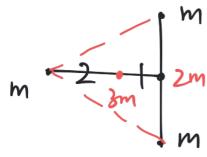
$$F_1 = F_2 = \frac{G}{3}$$



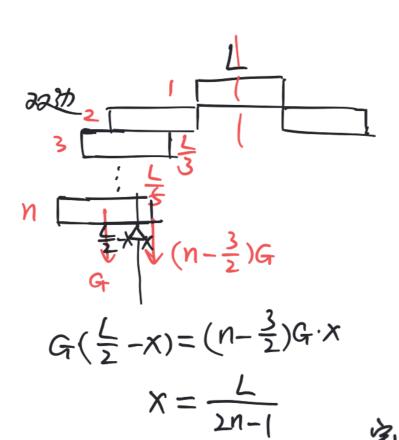


$$G \cdot (\frac{L}{2} - x) = (n-1)G \cdot x$$
$$x = \frac{L}{2n}$$

重的计算



三角形中属支点



影细重的

