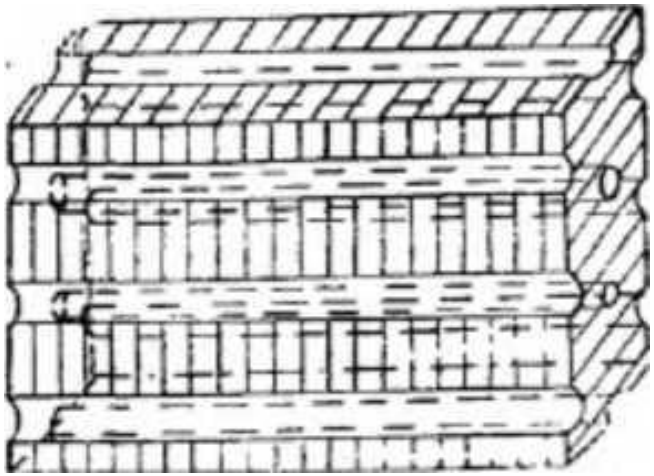

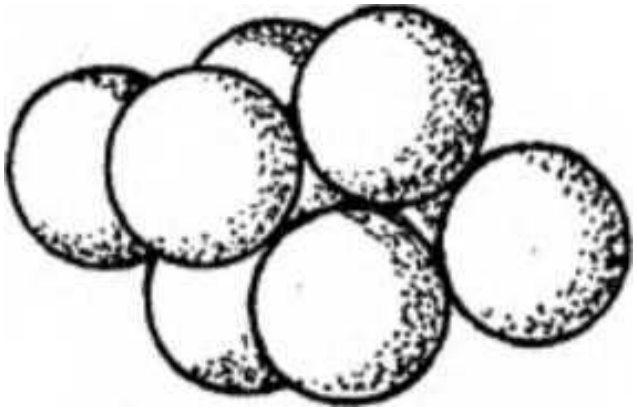

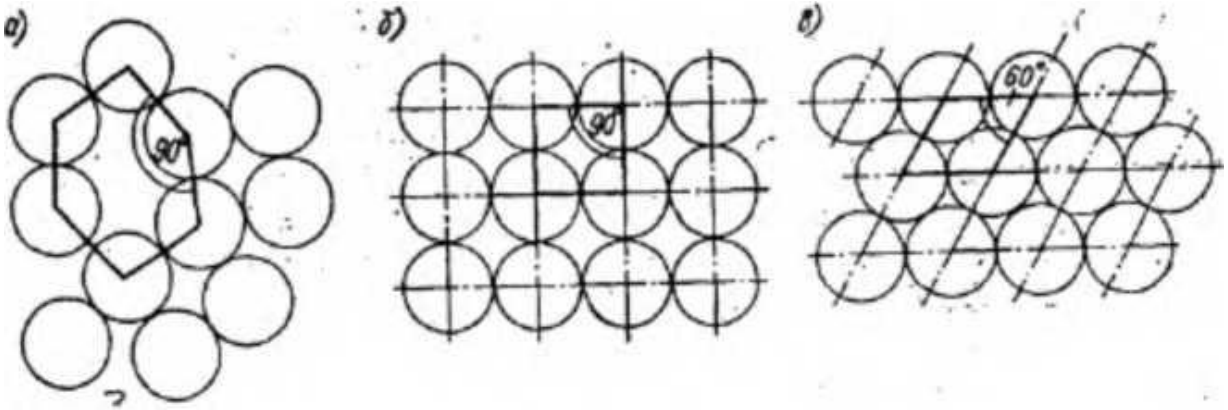
а)
90°
б)
90°
в)
60°

$$m = 1 - \frac{\pi}{6(1-\cos\theta)\sqrt{1+2\cos\theta}}$$

$$V_k = \frac{\pi r^4 t(P_1 - P_2)}{8\eta l}$$

$$V_к \cdot p = \frac{\pi r^4 \cdot t(p_1 - p_2)}{8\eta \cdot b} \cdot \frac{(p_1 + p_2)}{2},$$

$$V_к = \frac{\pi r^4 t(p_1 - p_2)}{8\eta \cdot b} \cdot \frac{(p_1 + p_2)}{2p}.$$

$$V_к \cdot Nf = \frac{\pi r^4 \cdot t \cdot N \cdot f(p_1 - p_2)}{8\eta \cdot b} \cdot \frac{(p_1 + p_2)}{2p},$$

или

$$V_к = \frac{\pi r^4 N}{8} \cdot \frac{f \cdot t}{\eta \cdot b} \cdot \frac{(p_1 - p_2)(p_1 + p_2)}{2p},$$

где

$$V = V_к \cdot N \cdot f.$$

$$G = \frac{\eta \cdot b}{f \cdot t} \cdot \frac{V}{(p_1 - p_2)} \cdot \frac{2p}{(p_1 + p_2)}.$$

$$G = \frac{\eta \cdot b}{f \cdot t} \cdot \frac{V}{\Delta p},$$

$$\Delta p = p_1 - p_2.$$

$$V_{\text{ср}} \cdot p_{\text{ср}} = V_2 \cdot p_2, \text{ а } \quad p_{\text{ср}} = \frac{p_1 + p_2}{2},$$

$$G = \frac{2\eta \cdot V_{\text{ср}} \cdot b}{f \cdot t(p_1^2 - p_2^2)}.$$

$$K = \frac{V \cdot b}{f \Delta p \cdot t}$$

$$K = \frac{V \cdot b}{f \cdot p \cdot t}.$$