

$$m = \rho \cdot V$$

$$F = m \cdot a$$

$$E = mc^2$$

$$T = \frac{2\pi R}{v}$$

# РАЗМИНКА

Допиши формулу

$$\lim_{n \rightarrow \infty} \frac{1}{n} + \sqrt{b^2 - 4ac} + \frac{-b \pm \sqrt{b^2 - 4ac}}{2 \frac{n!}{r!(n-r)!}} + \sum_{k=1}^n r_k - \int_0^{\frac{\pi}{2}} \sin kx dx$$

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$$S = v \cdot F_{oi\delta} = k \cdot$$

$$\rho = \frac{F_1}{V} = - F_A = \rho_{\alpha\epsilon\ddot{a}} \cdot g \cdot$$

$$F_{\ddot{o}\ddot{y}\alpha} = m \cdot P = \rho \cdot g \cdot$$

# Кинематик

$$S = v_0 \cdot t \pm \frac{a \cdot t^2}{2}$$

$$S = \frac{v^2 - v_0^2}{2 \cdot a}$$

$$a = \frac{v - v_0}{t}$$

$$T = \frac{1}{\nu}$$

$$T = \frac{2 \cdot \pi \cdot r}{v}$$

$$a = \frac{v^2}{r}$$

$$\nu = \frac{n}{t}$$

# Энергия, работа, количество теплоты

$$E = \frac{m \cdot v^2}{2} \quad A = F \cdot S \quad Q = q \cdot m$$

$$E = m \cdot g \cdot h \quad Q = c \cdot m \cdot (t_2 - t_1)$$

$$E = \frac{k \cdot x^2}{2} \quad Q = \lambda \cdot S \cdot \Delta t$$

# Колебания

$$T = 2 \cdot \pi \cdot \sqrt{\frac{l}{g}}$$

$$T = 2 \cdot \pi \cdot \sqrt{\frac{m}{k}}$$

$$T = \frac{t}{n}$$

$$\nu = \frac{1}{T}$$

$$\dot{\phi} = \frac{2\pi}{T} = 2\pi\nu$$

# Электрический ток

$$N = \frac{q}{e}$$

$$I = \frac{U}{R}$$

$$P = U \cdot I$$

$$I = \frac{q}{t}$$

$$R = \frac{\rho \cdot l}{S}$$

$$Q = I \cdot t$$

$$U = \frac{A}{q}$$

$$A = U \cdot I \cdot t$$

# Гравитационные явления

$$F = \frac{G \cdot m_1 \cdot m_2}{R^2} \quad v_I = \frac{G \cdot M}{R^2}$$

$$g = \frac{G \cdot M}{R^2} \quad v_{II} = \frac{2 \cdot G \cdot M}{R^2}$$

$$v_{\text{нóò}} = \sqrt{\frac{G \cdot M_{\zeta}}{R+}}$$