

Зачётник

1. $f(x) = \frac{\frac{x^7}{7} + 4x^5 \log_e x (\sin x)}{\arctan(\ln \sqrt{x^3})} \cdot f'(x) = ?$

2. $\begin{pmatrix} 4 & 17 & 80 & 1 \\ 12 & 5 & 91 & 101 \\ 7 & 11 & 40 & 35 \\ \sin 30 & 52 & 0 & 6 \end{pmatrix}^2 = ?$

3. $f(x) = \left(\frac{x^2 y z + y^2 x z + z^2 x y}{\log_y x \sinh z^{y^x}} \right)'_x$

4. $\text{grad} \left(\frac{x^2 y z + y^2 x z + z^2 x y}{\log_y x \sinh z^{y^x}} \right)$