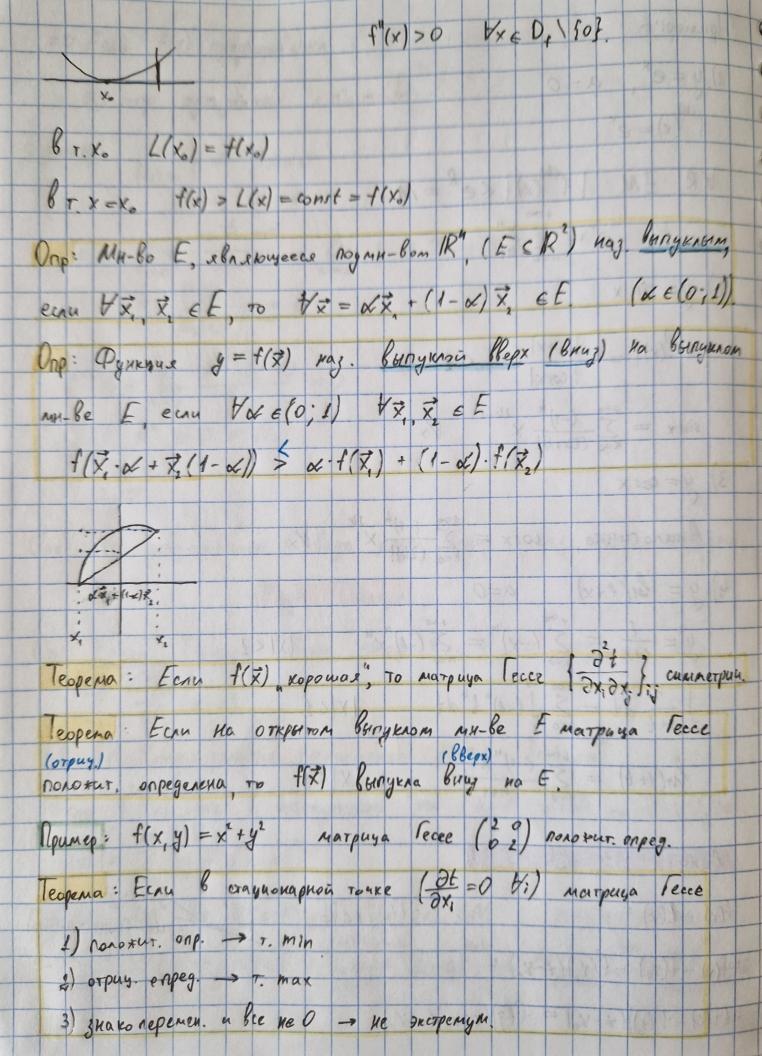
Mercus 31 24.05.24

$$f(x) - f(x) = f'(x)(x-x_0) + f(x_0)(x-x_0) + f(x_0)(x-x_0) + f(x_0)(x-x_0) + f(x_0)(x-x_0) + f(x_0)(x-x_0) + f(x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x-x_0)(x-x_0)(x-x_0)(x-x_0)(x-x_0) + f(x_0)(x-x_0)(x$$



$$f(\vec{x}) = f(\vec{x}) \cdot \sum_{i=1}^{n} \frac{\partial f}{\partial x_i} \left(\frac{x_i - x_i^2}{2} \right)$$

$$\Delta f = f(\vec{x}) - f(\vec{x}) = \frac{1}{2} \cdot \Delta \vec{x} \cdot \left(\frac{\partial f}{\partial x_i} - \frac{\partial f}{\partial x_i} \right) \cdot \left(\frac{\partial f}{\partial x_i} + \frac{\partial f}{\partial x_i} \right) \cdot \left(\frac{\partial f}{\partial x_i} - \frac{\partial f}{\partial x_i} \right) \cdot \left(\frac{\partial f}{\partial x_i} - \frac{\partial f}{\partial x_i} - \frac{\partial f}{\partial x_i} \right) \cdot \left(\frac{\partial f}{\partial x_i} - \frac{\partial f}{\partial x_i$$

Если в точке (Х, Го) матрина Гессе для функции Лагранта PONO * W. ORP. -> \$ - 7. NOK. YCHOBNOTO Min ordey one -> Xo - v. nok. yeno brown max змокопер. - не экстр.