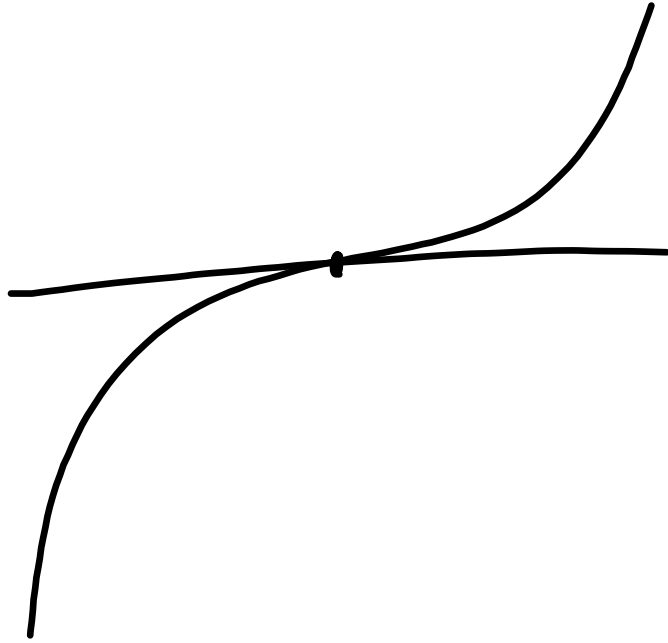
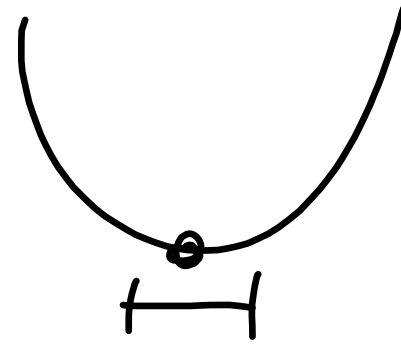


$$\begin{pmatrix} x \\ y \\ z \end{pmatrix} + t \cdot \begin{pmatrix} 0 \\ 0 \\ 1 \end{pmatrix}$$

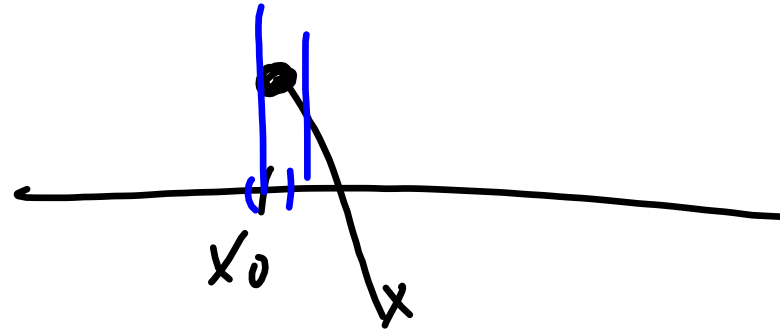


$$\begin{vmatrix} f_{xx} & f_{xy} \\ f_{yx} & f_{yy} \end{vmatrix}$$

$$g'(x_0) = 0 \quad \& \quad g''(x_0) > 0$$



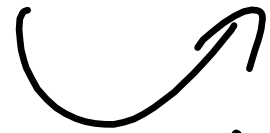
g''



$$A h^2 + 2B h k + C k^2$$

$$\parallel$$
$$f_{xx}$$

$$x^2 = y, \quad y^2 = x$$



$$(x^2)^2 = x$$

$$x^4 = x$$

$$x^4 - x = 0$$

$$\begin{pmatrix} f_{xx} & f_{xy} & f_{xa} \\ f_{yx} & f_{yy} & f_{ya} \\ f_{ax} & f_{ay} & f_{aa} \end{pmatrix}$$

