$$\frac{3^{2}}{3^{2}x} = 6 \qquad \frac{3^{2}}{3^{2}y} = -2 \qquad \frac{3^{2}}{4x^{2}y} = \frac{3^{2}}{3x^{2}} = 0$$

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$$x = S \qquad y = -1$$

$$(x_{1}) = (x_{1}) - E \cdot \begin{pmatrix} \frac{3^{2}}{3^{2}x} (x_{11}) & \frac{3^{2}}{3x^{2}y} (x_{11}) \\ \frac{3^{2}}{3^{2}y} (x_{11}) \end{pmatrix} \cdot \begin{pmatrix} \frac{3}{3^{2}y} (x_{11}) \\ \frac{3}{3^{2}y} (x_{11}) \end{pmatrix}$$

$$\begin{pmatrix} x_{1} \\ y_{1} \end{pmatrix} = \begin{pmatrix} 5 \\ -1 \end{pmatrix} - 0,01 \cdot \begin{pmatrix} 6 \\ 0 \\ -2 \end{pmatrix} \cdot \begin{pmatrix} 3 \\ -1,04 \end{pmatrix}$$

$$\begin{pmatrix} x_{1} \\ y_{1} \end{pmatrix} = \begin{pmatrix} 5 \\ -1,04 \end{pmatrix} - 0,01 \cdot \begin{pmatrix} 6 \\ 0 \\ 0 \end{pmatrix} - \begin{pmatrix} 6 \\ -2 \cdot (-1,04) \\ -2 \cdot (-1,04) \end{pmatrix} = \begin{pmatrix} 2,048 \\ -0,3314 \end{pmatrix}$$

$$\begin{pmatrix} x_{1} \\ y_{2} \end{pmatrix} = \begin{pmatrix} 3,2 \\ -1,04 \end{pmatrix} - 0,01 \cdot \begin{pmatrix} 6 \\ 0 \\ 0 \end{pmatrix} - \begin{pmatrix} 6 \\ -2 \cdot (-1,04) \\ -2 \cdot (-1,04) \end{pmatrix} = \begin{pmatrix} 2,048 \\ -0,3314 \end{pmatrix}$$

$$f(x_4, y_4) \approx 1,26$$
 $f(x_5, y_5) \approx 0,08$