$$\frac{\gamma^2}{\alpha^2} + \frac{\gamma^2}{6^2} = 1$$

$$\frac{0}{3} + \frac{9}{6^2} = 1 = 3$$

$$(2,0) \in \emptyset =$$

$$\frac{4}{\alpha^2} = 1 = 1 \qquad \alpha = 2$$

$$\frac{\chi^2}{4} + \frac{\chi^2}{9} = 1$$

$$\chi^2 - \chi^2 = 2$$

Hyperbola

Equation of the tangent line:

$$M(2,2) = 1$$
  $2x_1 - 2y_1 = 2$ 

$$\begin{cases} x_1 - y_1 = 1 \\ 1 - y_2 = 2 \end{cases} (2)$$

$$(1) = \frac{1}{2} = \frac{1}{2}$$

$$(2) = 1$$

$$(2) = 1$$

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$$(2) = 1$$

$$(2) = 1$$

$$(2) = 1$$

$$(3) = 2$$

$$(4) = 1$$

$$(4) = 2$$

Eq: 
$$\frac{3}{2}x - \frac{1}{2}y = 2$$

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$$M^{2} + 2xy - 2xz + 2 - 2 = 0$$

$$M^{2} + 2xy - 2xz + 2 - 1 = 1$$

$$(M^{-1}x)^{2} = M^{2} + \chi^{2} + 2y$$

$$(y+x)^{2}-(x+z)^{2}+(z+1)^{2}-3=0$$

$$y$$

$$y$$

$$x$$

$$x$$

$$y$$

$$x$$

$$y$$

$$\chi^{2} - \chi^{2} - \chi^{2} = \frac{9}{4}$$

- hyperboloid with I wheat

Reference matrix:

$$\int_{1}^{1} R^{T} \cdot R = I_{m}$$

$$\int_{1}^{1} dut(R) = 1$$

a) dut (R) = 1

$$\frac{1}{11} \begin{pmatrix} -2 & 6 & -9 \\ -4 & 7 & 6 \\ 9 & 6 & 2 \end{pmatrix} + \begin{pmatrix} -2 & -6 & 9 \\ 6 & 7 & 6 \\ -9 & 6 & 2 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 121 & 9 & 9 \\ 9 & 121 & 9 \end{pmatrix} = \frac{1}{11} \begin{pmatrix} 12$$

1 (2) -1 R is a notation matri

Solving the system:

$$= \left(\begin{array}{c|c} x \\ y \\ \hline 2 \end{array}\right) = 7 \left(\begin{array}{c} \frac{13}{21} \\ \frac{11}{16} \\ \hline \end{array}\right)$$
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