$$\frac{x - (3\sqrt{2} - 3)}{3/2} = \frac{9 - 0}{7} = \frac{2 - (3 - 2\sqrt{2})}{\sqrt{2} - 7}$$

We can pute the equation of the line in the family

(du) u +112 in the exact same way

C.2.3. Find the rectilinear generatrices of the hyperboloid of one sheet
$$(\mathcal{Y}_{1}) = \frac{x^{2}}{36} + \frac{y^{2}}{9} - \frac{z^{2}}{4} = 1$$

which are parallel to the plane (TT) #+4+2=0

Solution:
$$d_{\lambda}$$
:
$$\begin{cases} \lambda \left(\frac{*}{6} + \frac{2}{2} \right) = 1 + \frac{3}{3} \\ \frac{*}{6} - \frac{2}{2} = \lambda \left(1 - \frac{9}{3} \right) \end{cases}$$

$$d_{\mu}$$
:
$$\begin{cases} M \left(\frac{*}{6} + \frac{2}{2} \right) = 1 - \frac{3}{3} \\ \frac{*}{6} - \frac{1}{2} = M \left(1 + \frac{9}{3} \right) \end{cases}$$

You solve the systems, get of and of and choose A, M s.t. of in = = of in = 0