Focal on
$$\chi$$
-aris:
$$\frac{\chi^2}{\chi^2} + \frac{\chi^2}{\chi^2} = 1$$

$$Q = \frac{C}{4} = \frac{12}{15} \Rightarrow C = \frac{12a}{15}$$

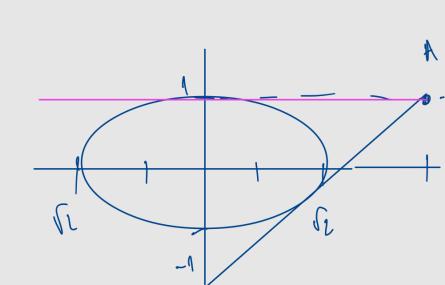
$$C^2 = 0^2 - 6^2$$

$$\frac{141a^{2}}{1100} = a^{2} - 15 = 10 = 13 = 10 = 12$$

For I oule me get:

Since use med to solve on y-avis, notiting means

$$\begin{pmatrix} 2 \\ 1 \\ 2 \end{pmatrix} + \begin{pmatrix} 1 \\ 2 \\ 2 \end{pmatrix} = 1$$



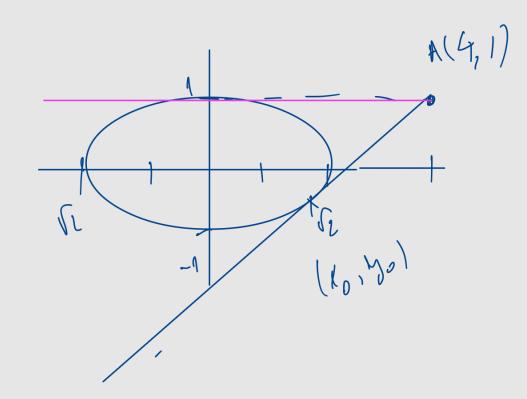
First tangut is early grown: M=1 Second tangent: () = w 1/2 4= u(b =) /b= h-a
y = ov + 4-a] (x, au + 4-9) E &

Sutsituting bact we get a 2nd order equation and we not det =0 and find $a_{1,12}$, hence

the solution of the problem.

OR Wing partial derivatives

 $\frac{1}{2} + \frac{1}{2} = 1$



 $\frac{d}{dx}\left(\frac{x^2}{2}+y^2\right)=\frac{d}{dx}(1)$

 $k + 2y \cdot \frac{dy}{dt} = 0$

dy - -x

Slage at A(4,1):

$$\frac{1}{1} \frac{1}{1} = \frac{-1}{2} = \frac{-1}{2} = \frac{1}{2} = \frac{1}$$

$$y^{2} = 1 - \frac{x^{2}}{2}$$

$$y^{2} = \frac{1}{2} - \frac{x^{2}}{2}$$

$$y^{2} = \frac{1}{2} - \frac{x^{2}}{2}$$

$$2-x^{2}\pm2\sqrt{1-k^{2}}=-x^{2}+y_{x}$$

$$\frac{1}{3} = -\sqrt{1 - \frac{1}{81 \cdot 2}} = -\frac{1}{3} = -\frac{1}{3}$$

$$P_{2}A: y=1$$

$$y=\frac{4}{7}x-\frac{9}{7}$$

$$\begin{array}{c} (3) \\ (1) \\ (3) \\ (4) \\ (3) \\ (4) \\ (3) \\ (4) \\$$

$$a \cdot d = (a, b, c)$$

=)
$$d = (1, -1, 0)$$
 (:) $P(1,0,0) \in \text{hyperboloid}$

1.

-) BE 50(h)