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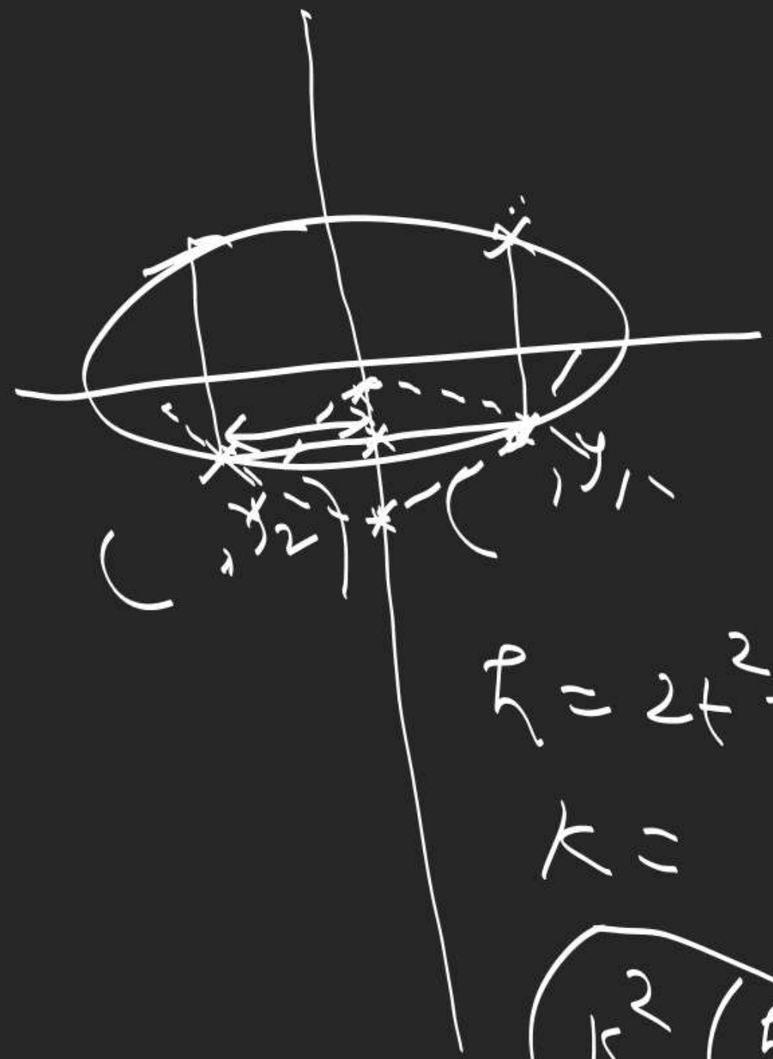

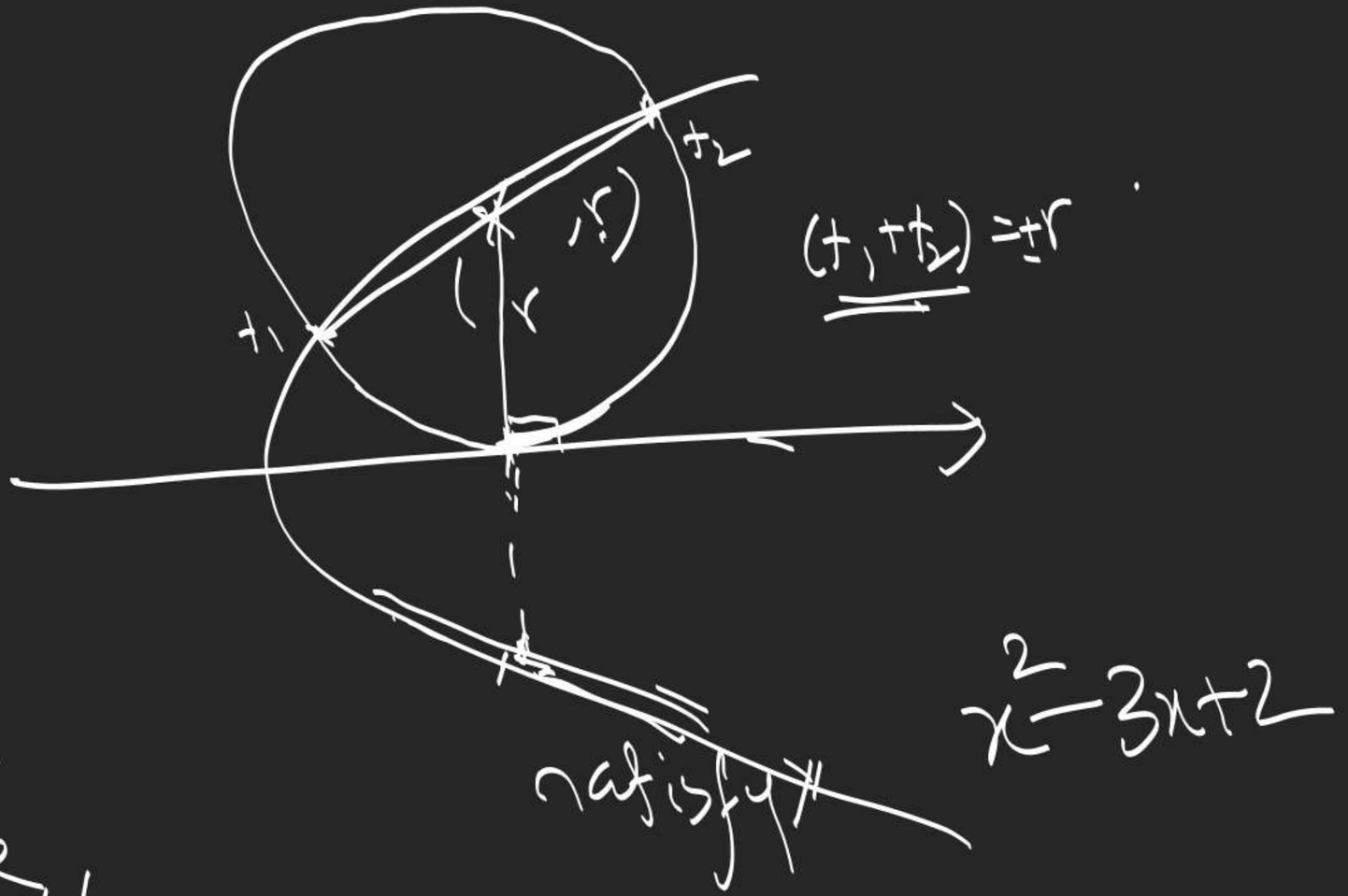

$$t = 2t^2 + 1$$

$$k = \frac{3t^2+1}{t}$$

$$k^2\left(\frac{t-1}{2}\right) = \left(1+3\left(\frac{t-1}{2}\right)\right)^2$$

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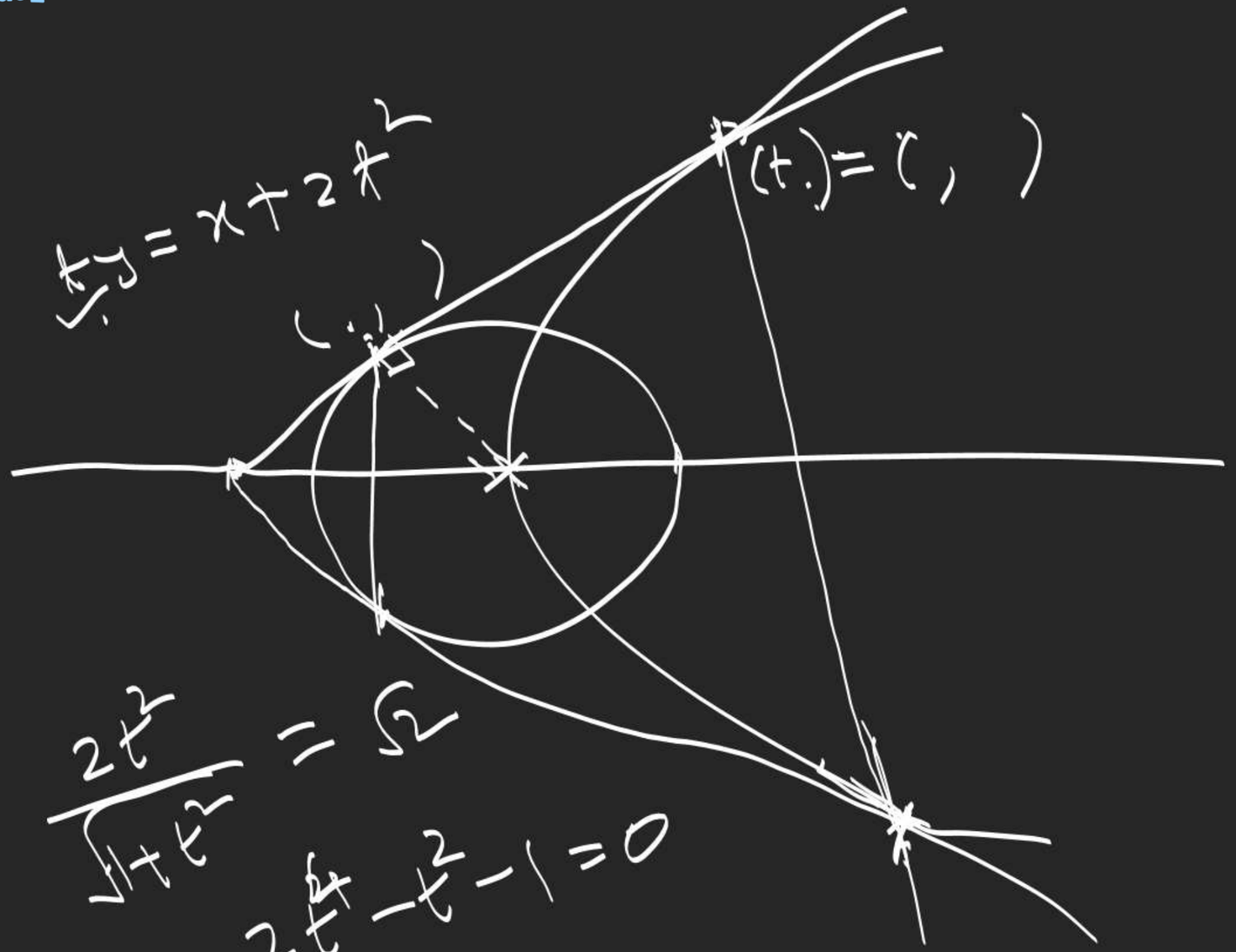

$$\frac{2t^2}{\sqrt{1+t^2}} = 2$$

$$2t^4 - t^2 - 1 = 0$$

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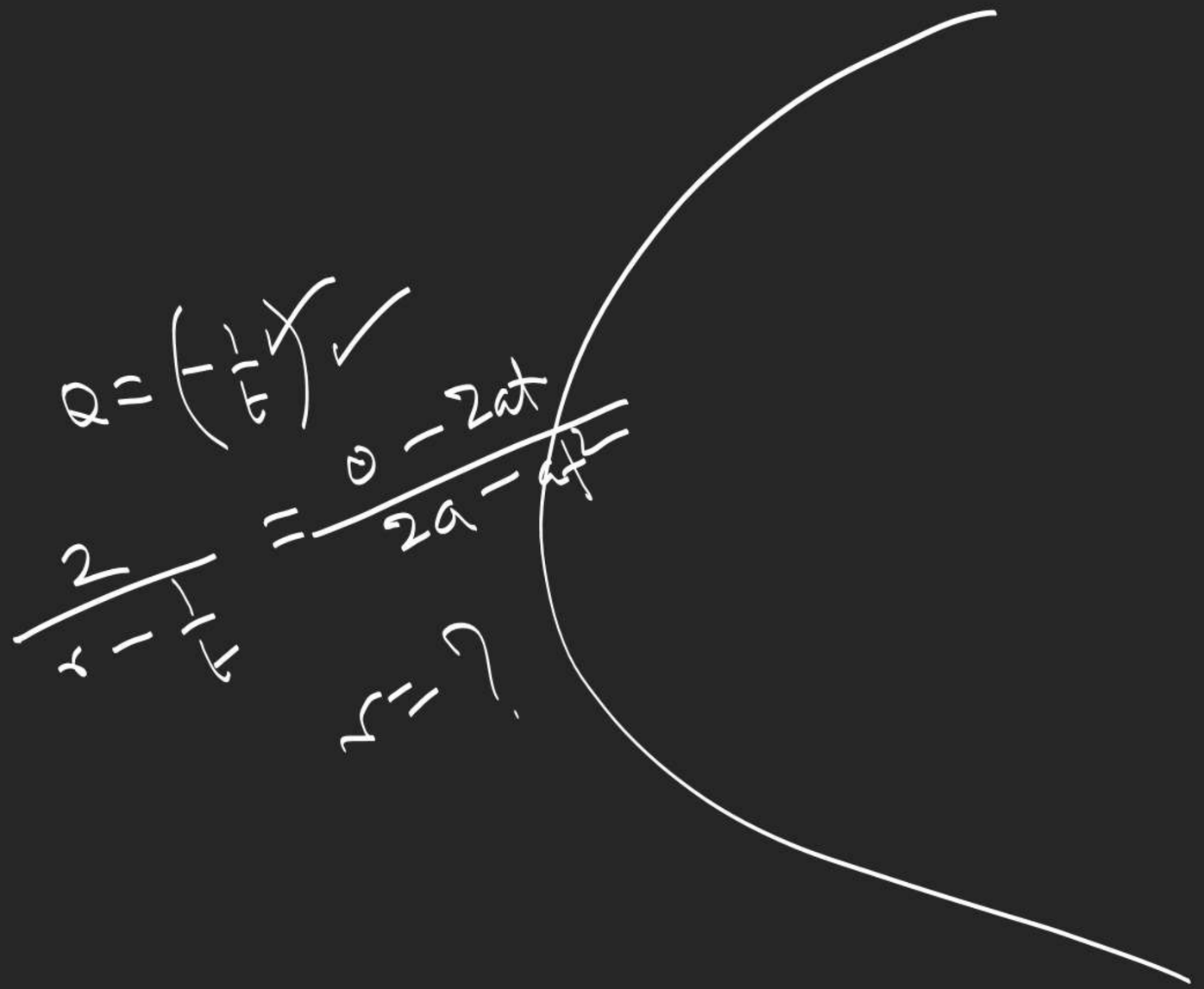

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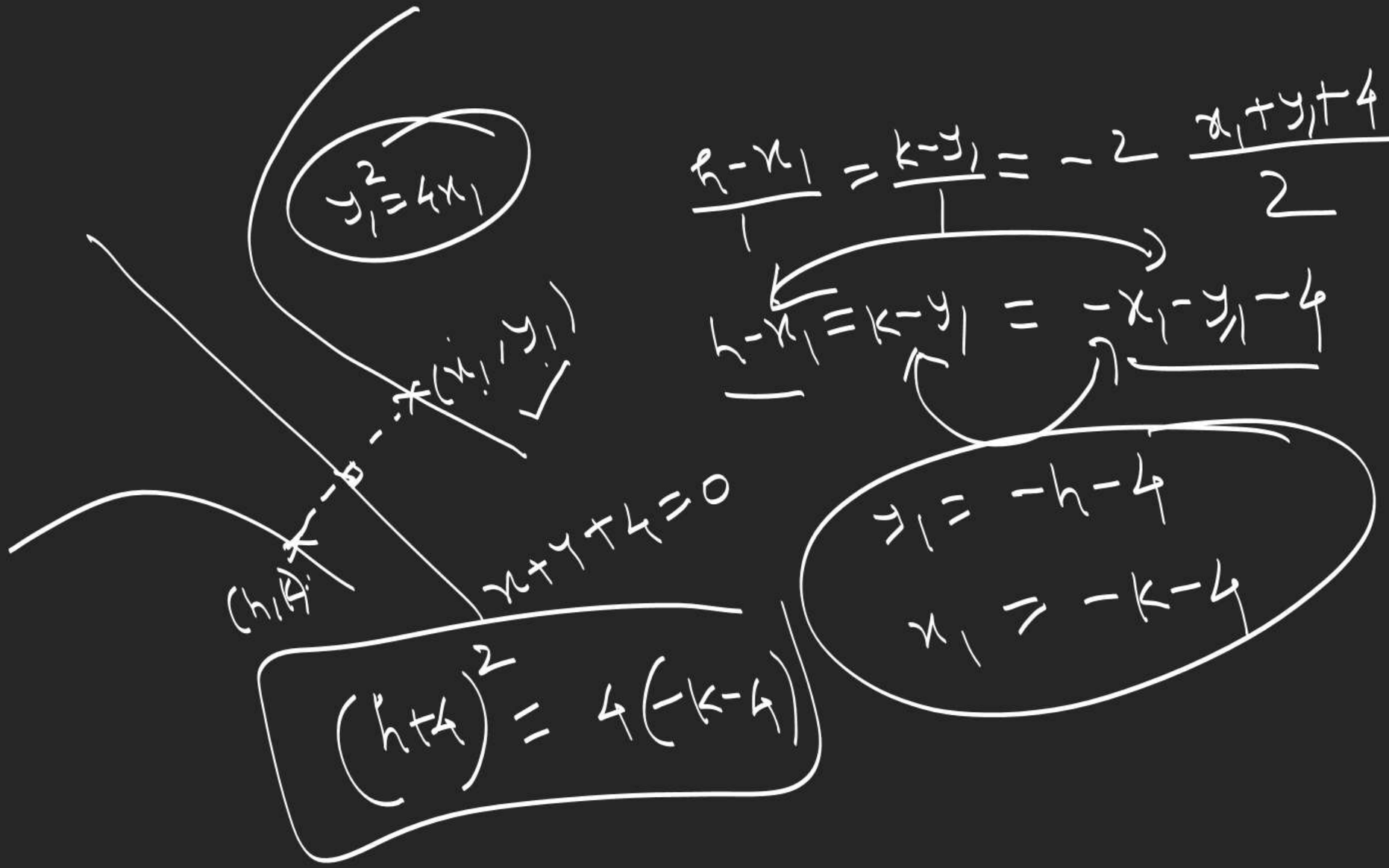

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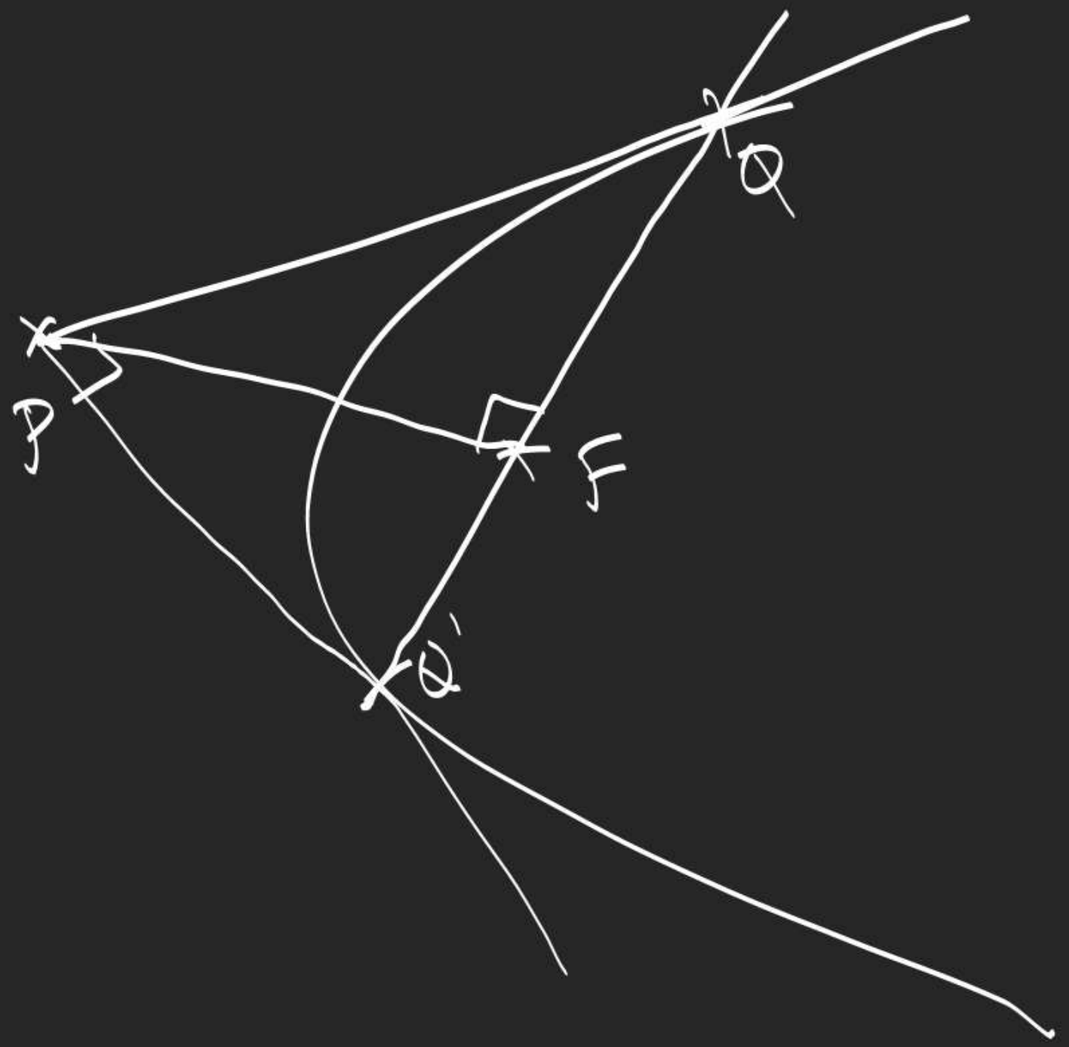

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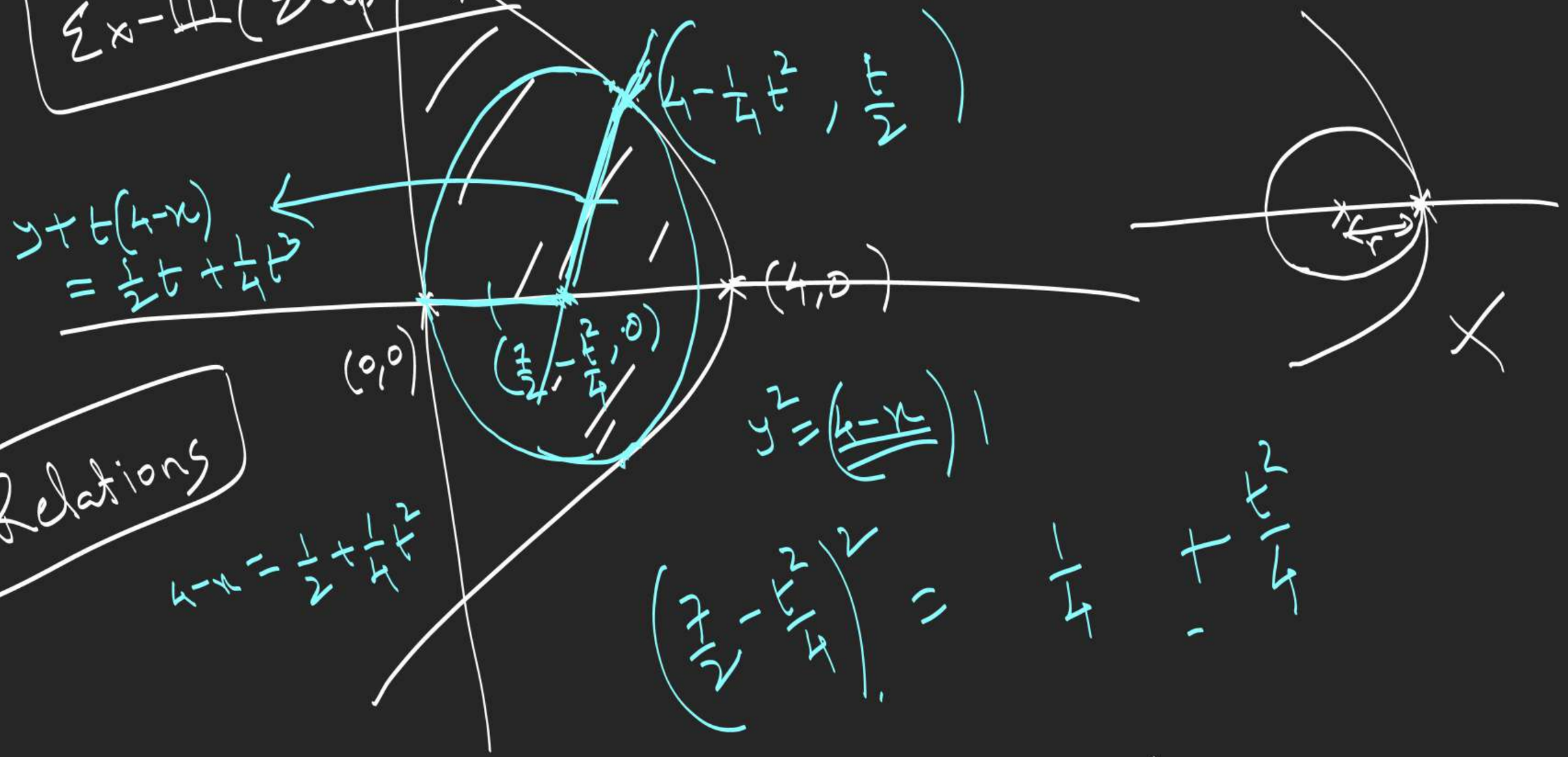
Ex-III (Ellipse)



Sets & Relations