두 초점이 $(0, k)$, $(0, -k)$ 이고 길이의 차가 $2b$ 로 주어 졌을 때 쌍곡선의 방정식

(The hyperbolic equation when the two focal points are $(0, k)$, $(0, -k)$ and the difference in length is given by $2b$)

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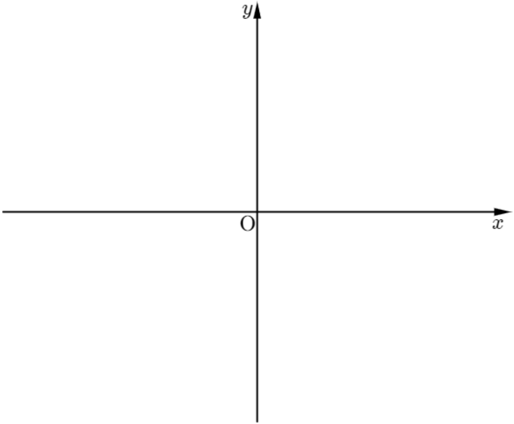

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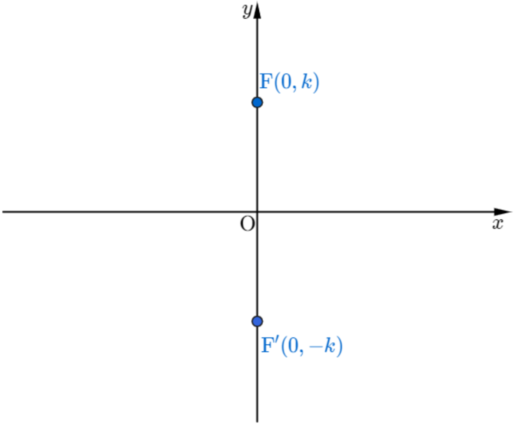

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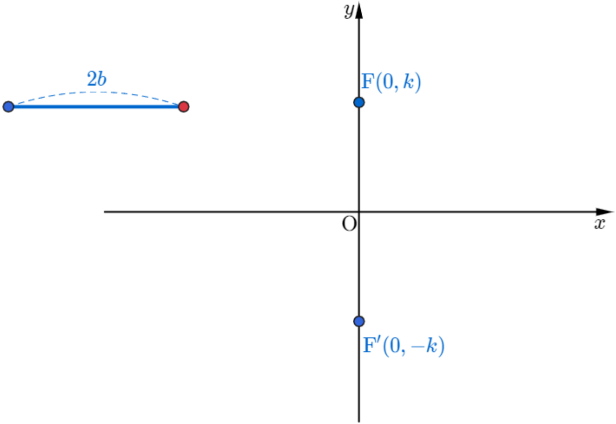

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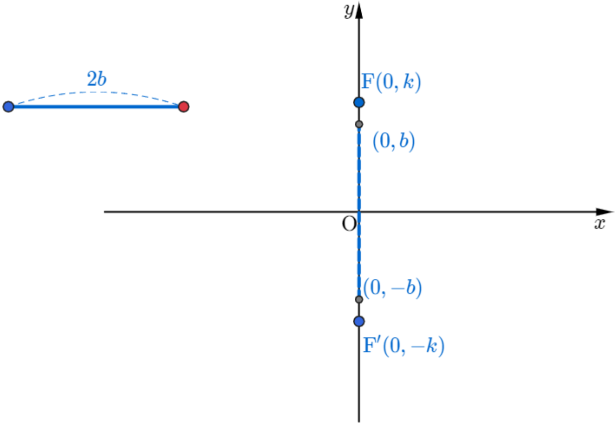

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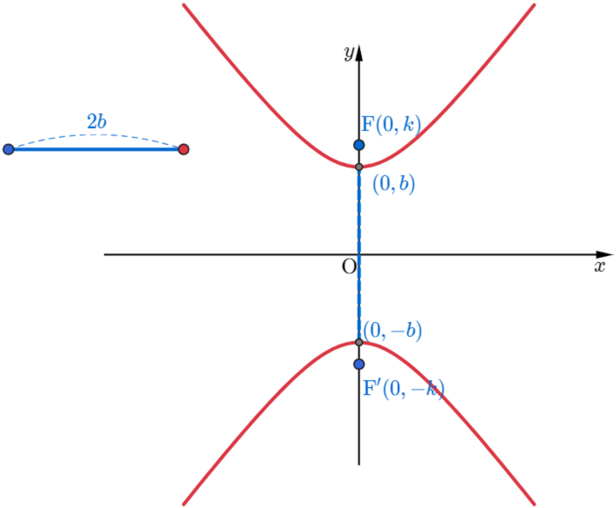

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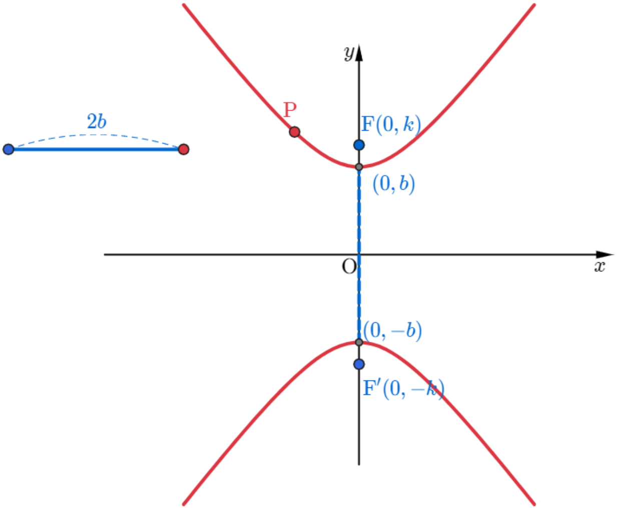

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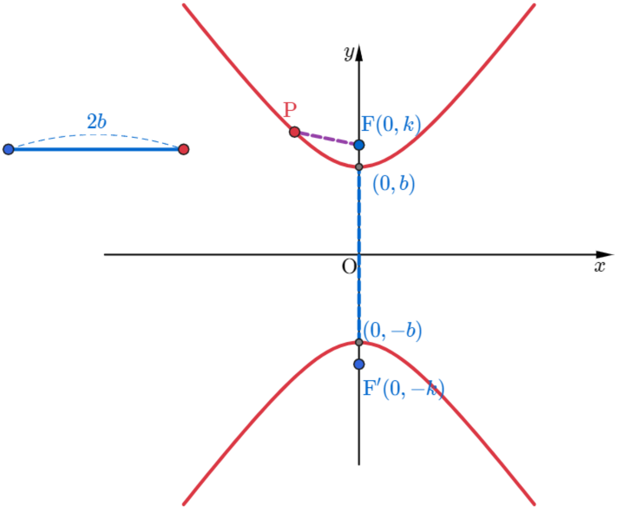

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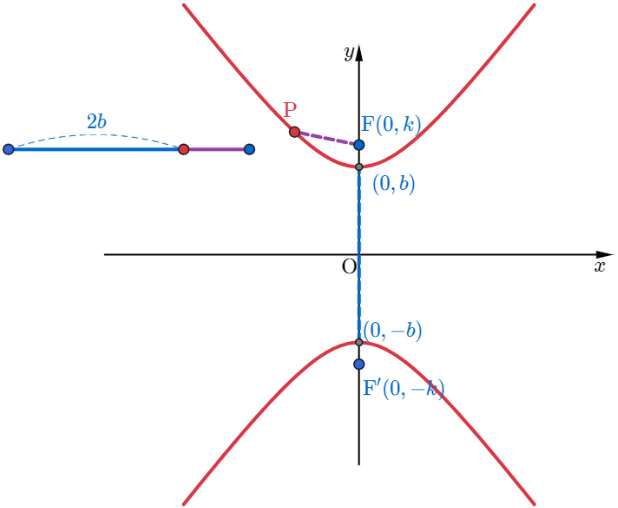

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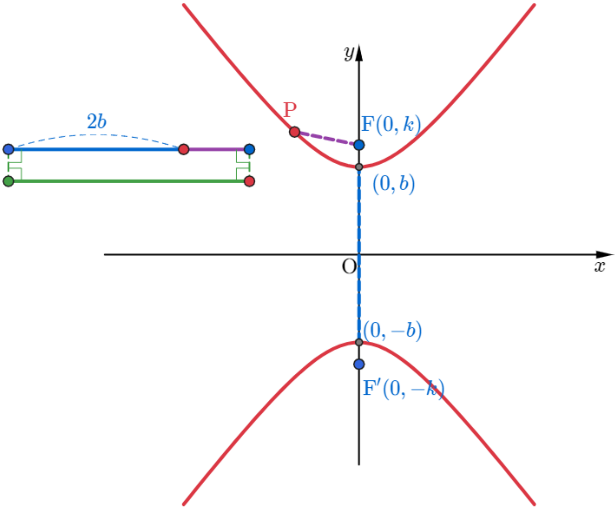

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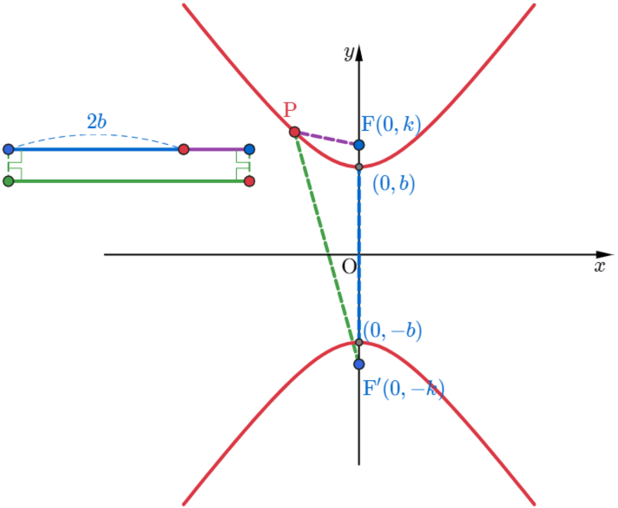

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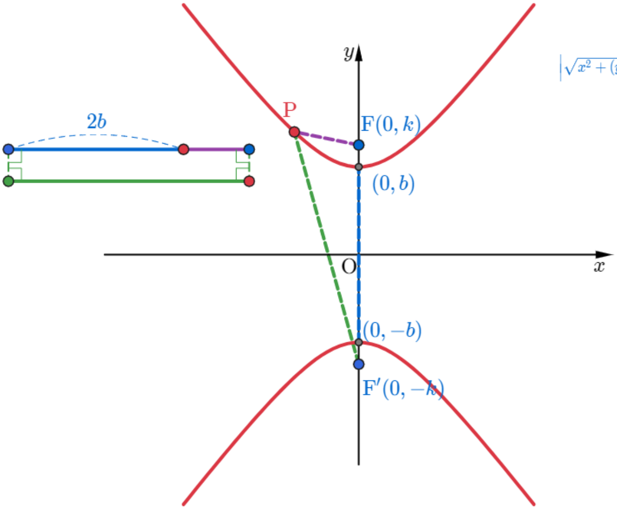

$$\left|\sqrt{x^2 + (y-k)^2} - \sqrt{x^2 + (y+k)^2}\right| = 2b$$

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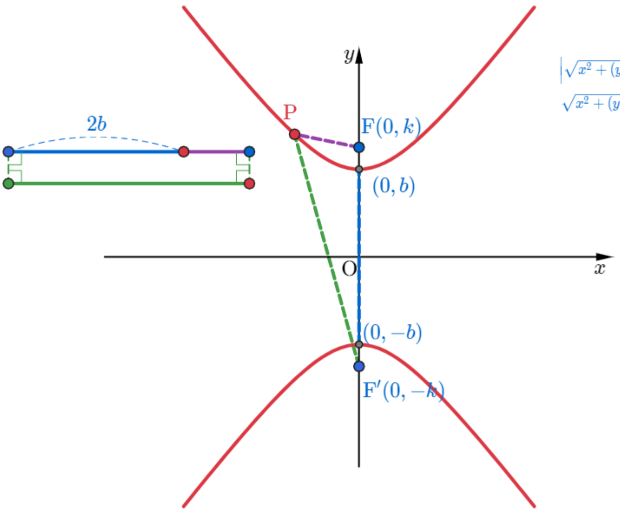

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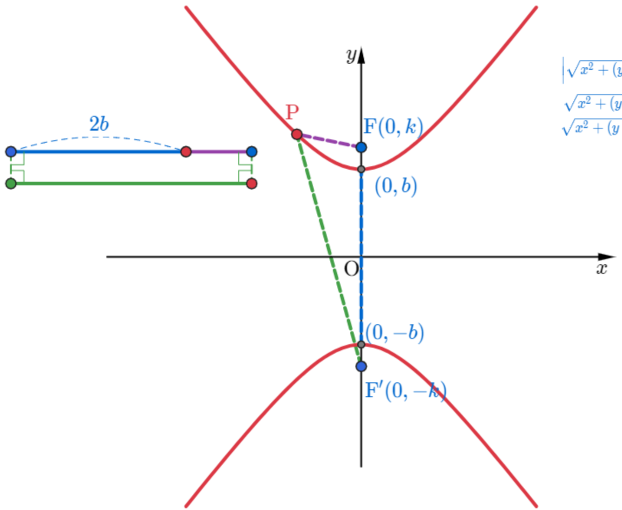

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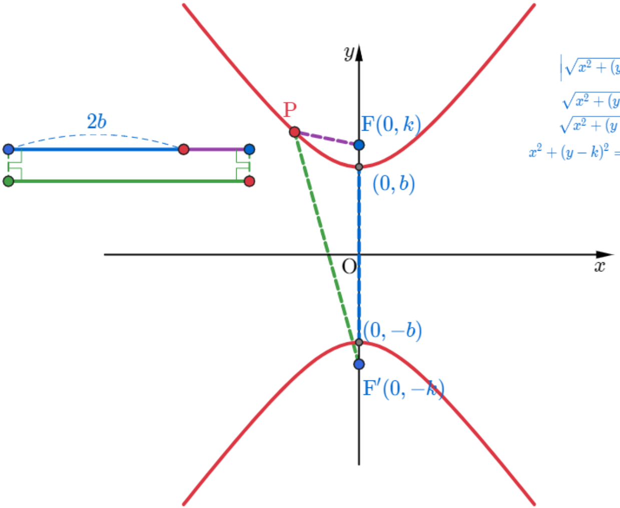

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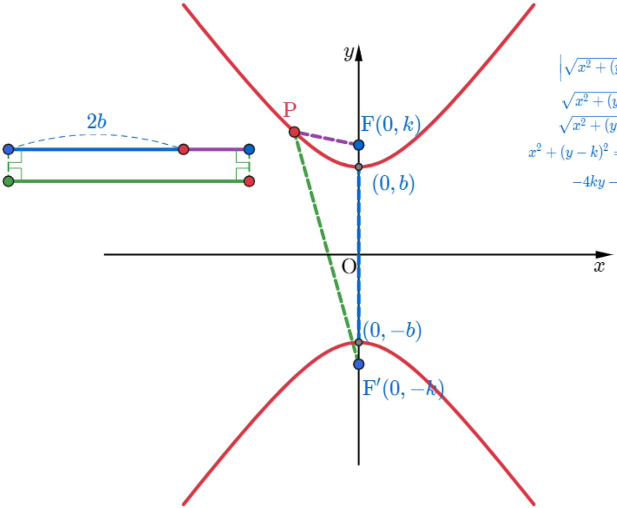

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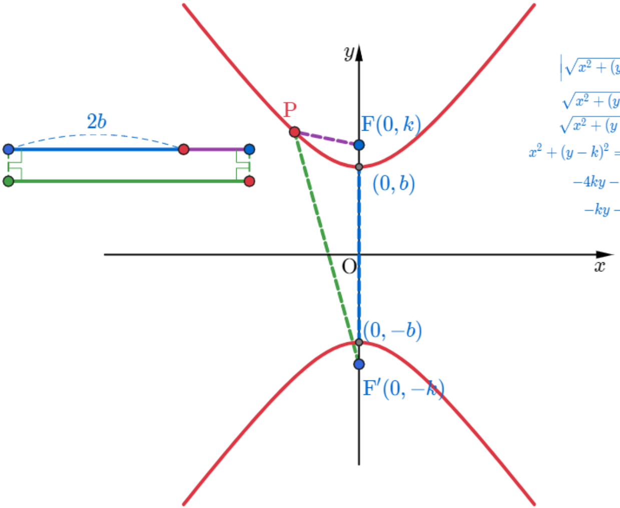

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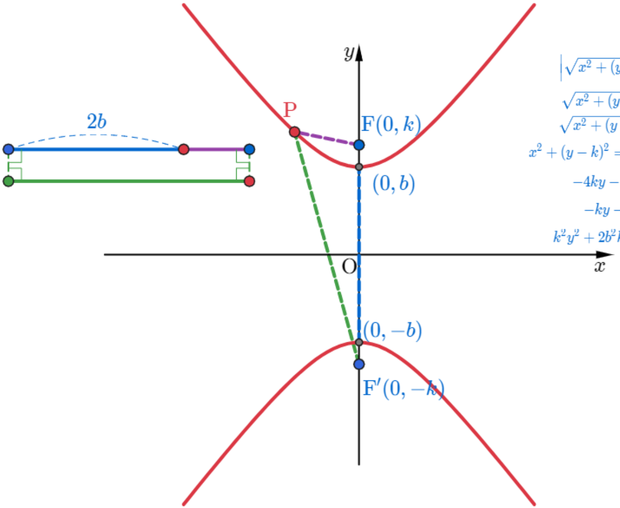

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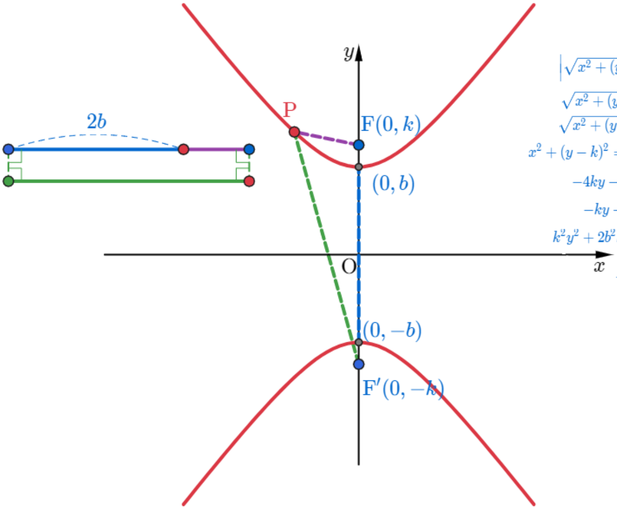

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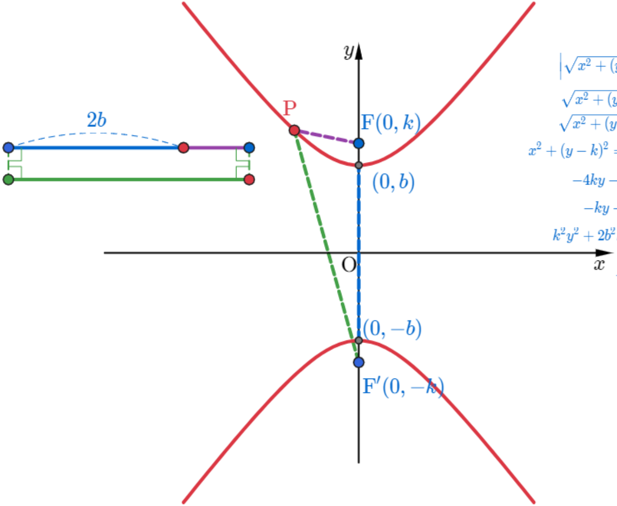

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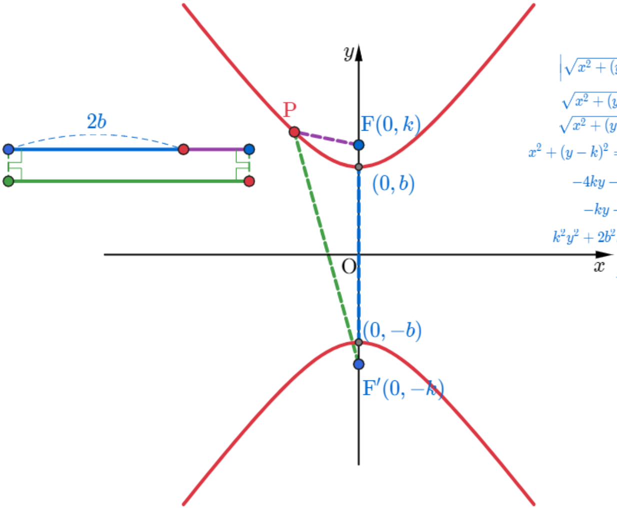

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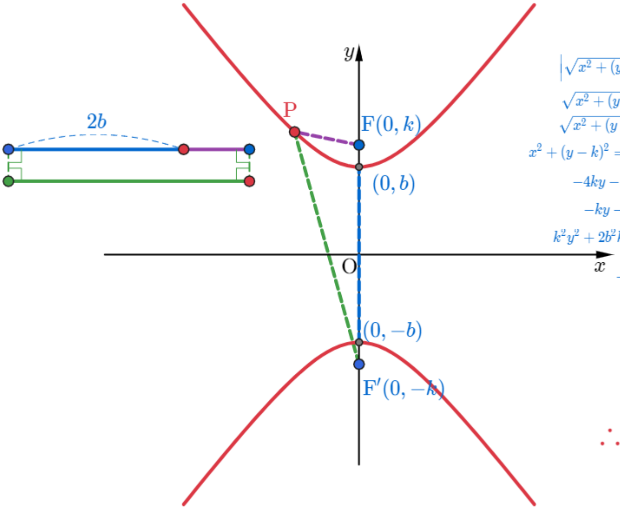

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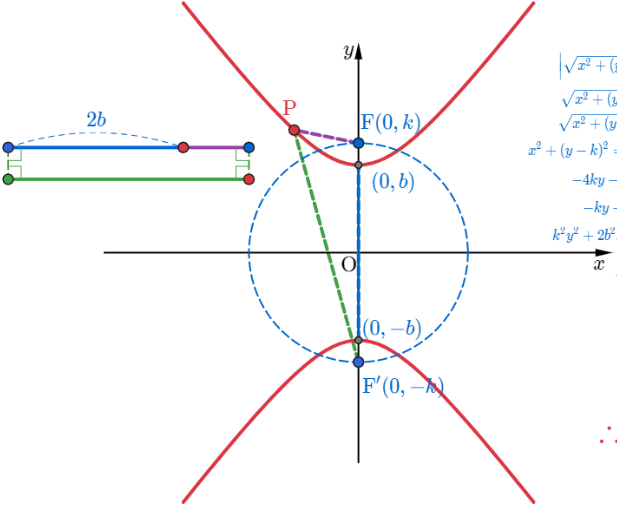

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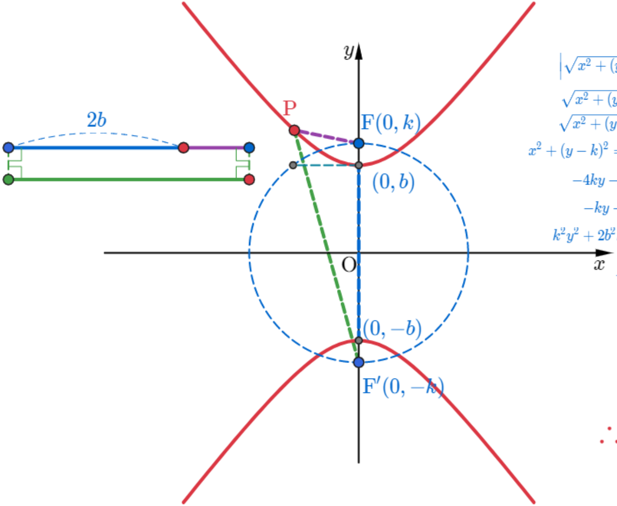

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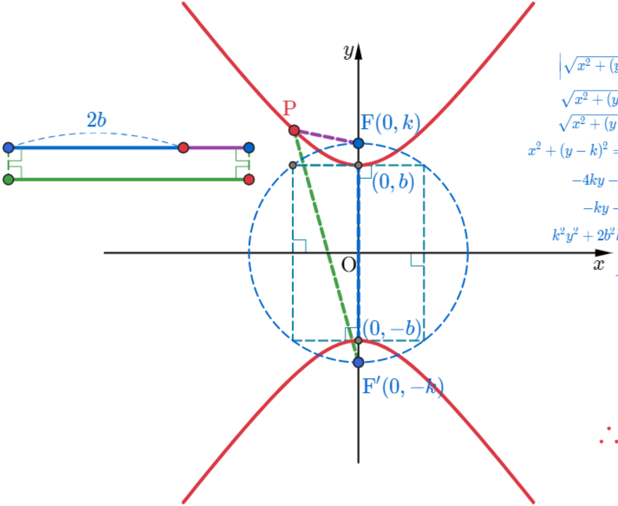

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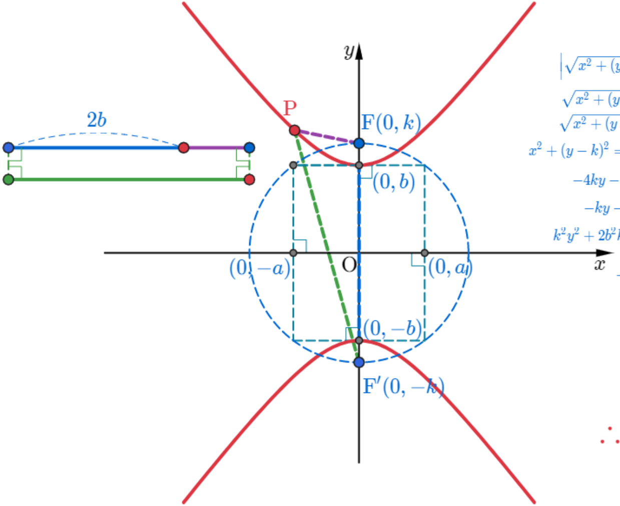

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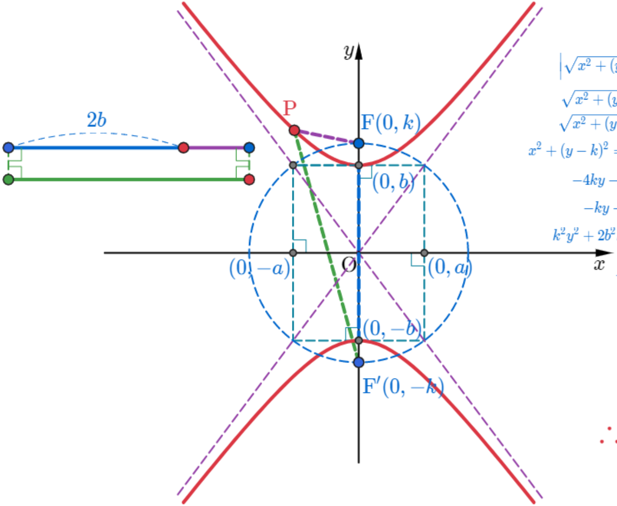

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Github:
https://min7014.github.io/math20200610001.html

Click or paste URL into the URL search bar, and you can see a picture moving.