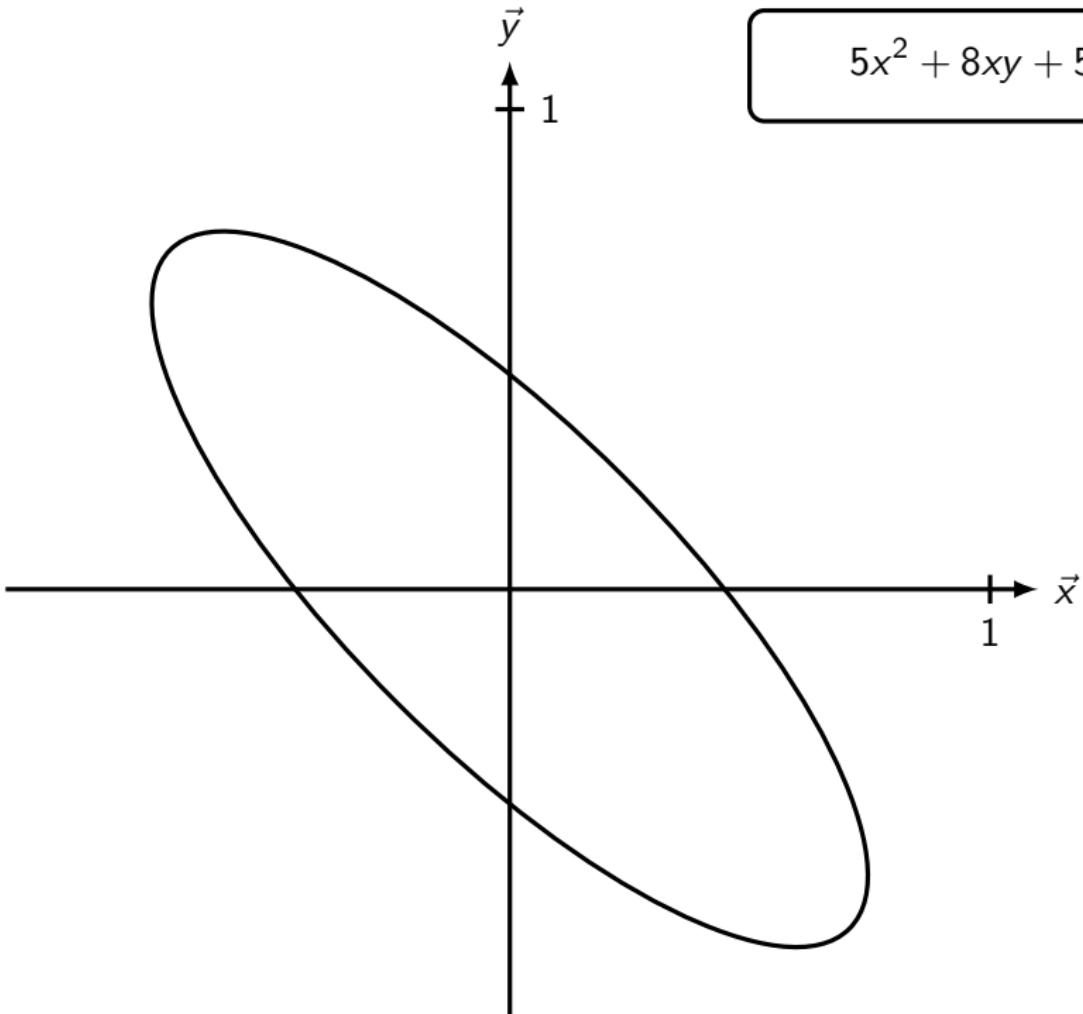
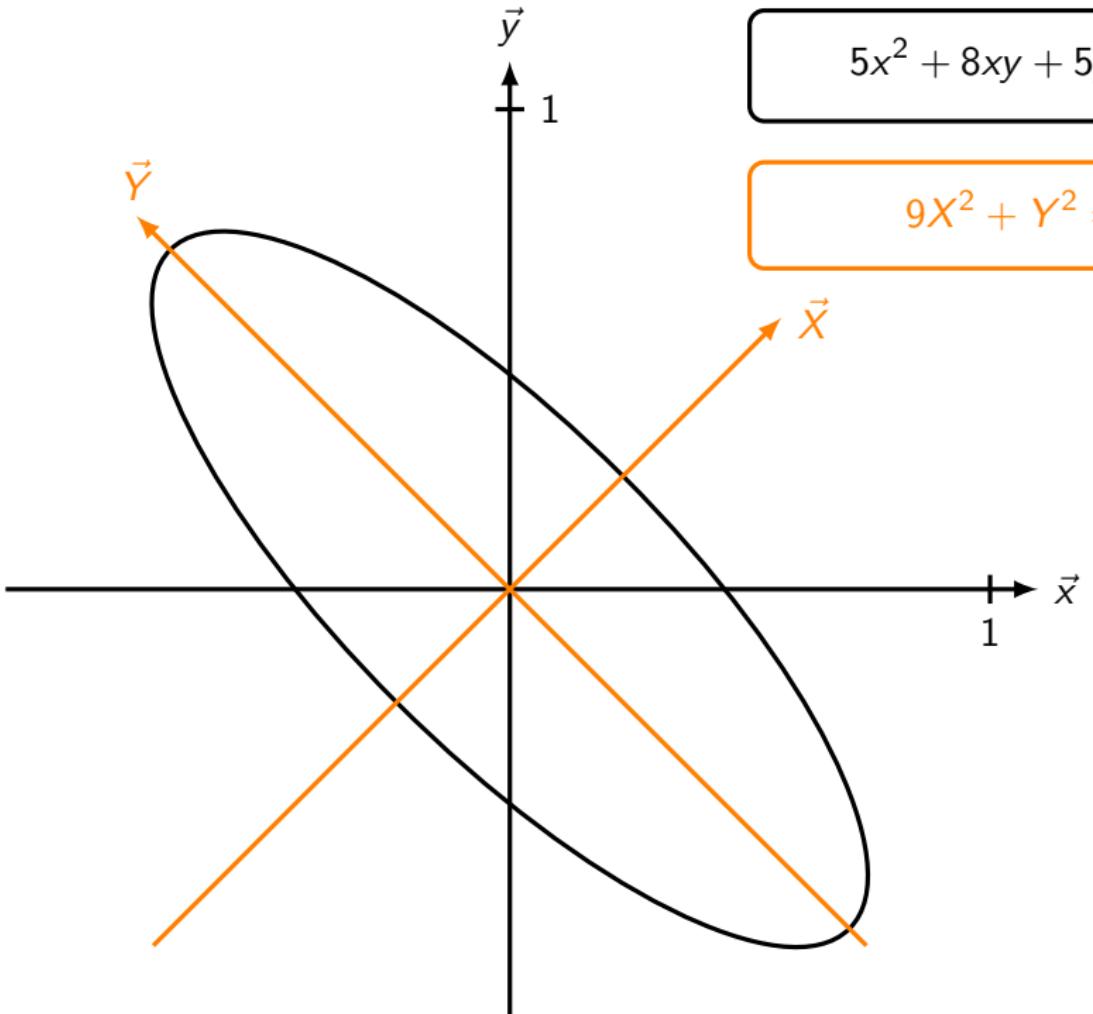


$$5x^2 + 8xy + 5y^2 = 1$$



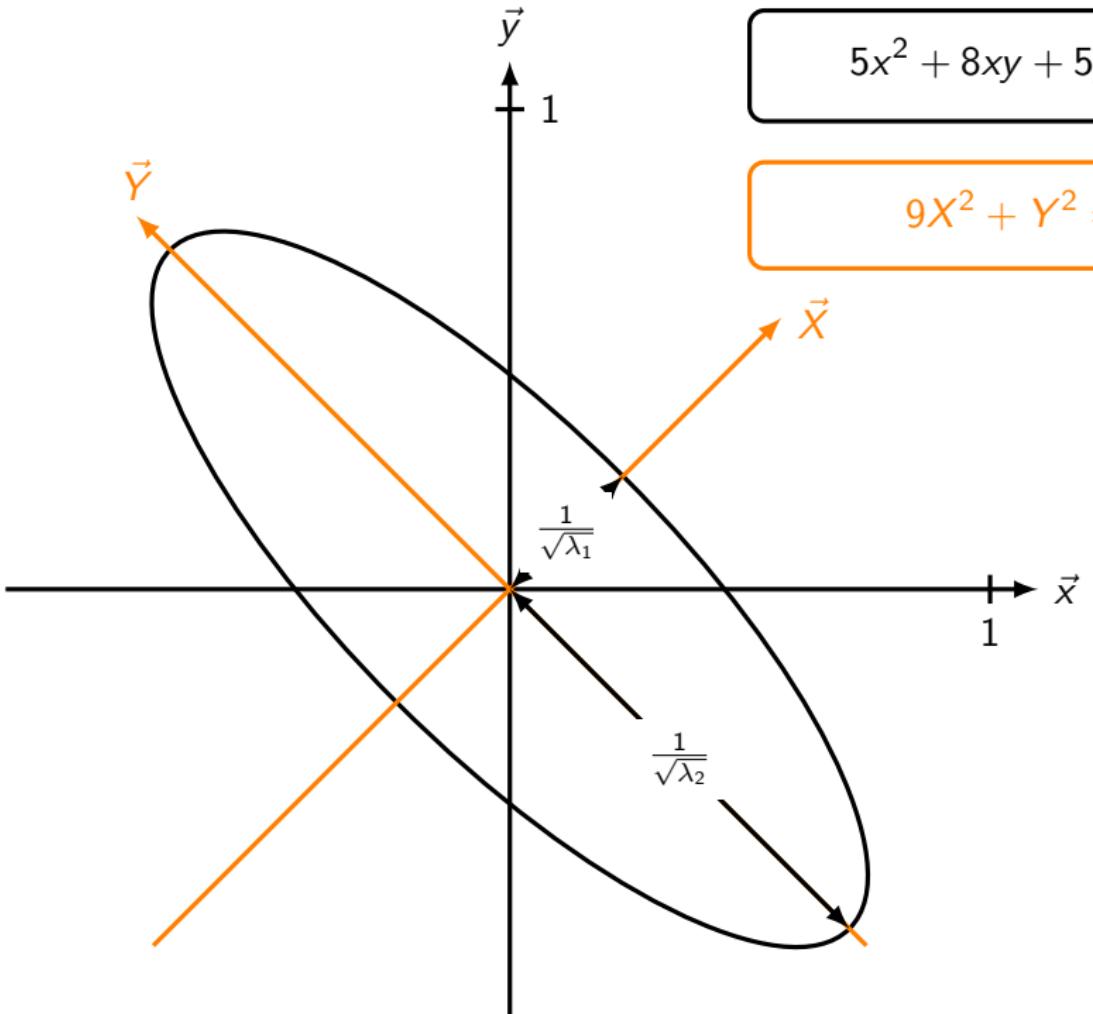
$$5x^2 + 8xy + 5y^2 = 1$$

$$9X^2 + Y^2 = 1$$



$$5x^2 + 8xy + 5y^2 = 1$$

$$9X^2 + Y^2 = 1$$



\vec{y}

1

 \vec{Y}

$$5x^2 + 8xy + 5y^2 = 1$$

$$9X^2 + Y^2 = 1$$

 \vec{X}

$$\begin{aligned} & \frac{1}{3}\left(\frac{1}{\sqrt{2}}, \frac{1}{\sqrt{2}}\right) \\ & \left(\frac{1}{3}, 0\right) \end{aligned}$$

 \vec{x}
1

$$\begin{aligned} & \left(\frac{1}{\sqrt{2}}, -\frac{1}{\sqrt{2}}\right) \\ & (0, -1) \end{aligned}$$