

$L = A'x + B'y + C' = 0$

$A' = 1$

$B' = 1$

$C' = 1$

$E = 1$

$x_F = 0$

$y_F = 0$

$P(x, y)$

$\overline{PP'}$

$\overline{PF}$

$F(x_F, y_F) = (\alpha, \varphi)$

$P'$

$$Q' : \epsilon^2 = \frac{(x - \alpha)^2 + (y - \varphi)^2}{(Ax + By + C)^2} = \frac{(x - x_F)^2 + (y - y_F)^2}{\frac{(A'x + B'y + C')^2}{A'^2 + B'^2}}$$

f