\[ \hat{n} = \langle a, b, c \rangle \]
\[ ax + by + c \hat{k} = p \]
eg

graph

$25y^2 + z^2 = 100 + 4x^2$

$-4x^2 + 25y^2 + z^2 = 100 \ (\div \frac{b}{100})$

$-\frac{x^2}{5^2} + \frac{y^2}{2^2} + \frac{z^2}{10^2} = 1$
\( x = 0 \)

get

\[ \frac{y^2}{2^2} + \frac{z^2}{10^2} = 1 \]