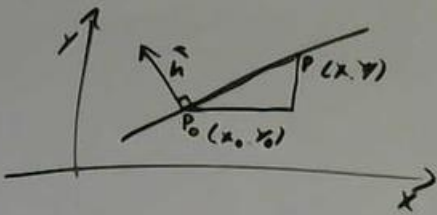


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| | Navn: | | Skole: | |
| | Klasse: 20 | | Dato: 27. december 2022 | Fag: Matematik A |

Opgave 013

013



$$\vec{n} = \begin{pmatrix} a \\ b \end{pmatrix}$$

$$ax + by + c = 0$$

$$\vec{P_0P} = \begin{pmatrix} x - x_0 \\ y - y_0 \end{pmatrix}$$

$$\vec{n} \cdot \vec{P_0P} = 0$$

$$a(x - x_0) + b(y - y_0) = 0$$

$$ax + by - \underline{ax_0 - by_0} = 0$$

$$ax + by + c = 0$$