

· Curl bestiriver rotarion

Eurl= 1) och 5

Formel (21)

 $V(x,y) = \left| \begin{array}{c} P(x,y) \\ A(x,y) \end{array} \right|$ 

 $Corl(V(x,y)) = \frac{\partial a}{\partial x} - \frac{\partial P}{\partial y}$ 

(2x)  $(-y^3-6y^7)$   $= 3x^2-9-3y^2+9=3x^2-3y^2$   $(-3y^3-9x^2)$ 

P, = \{3, 0\} 3er 3.3.0 = 27. moiurs Rogusion

Pa panh Pi

Carl-31

· Vektor's lange bestå mer Rosca, ous has dig her

· higer hands regeln best mur rileiningen

7 3 6 11 7

$$\begin{aligned}
\nabla(x,y) &= \begin{bmatrix} x^2 - qx \end{bmatrix} q \\
&\text{curl } \nabla \overline{y}_{23} &= 3x^2 - 3y^2 \\
&\text{Formel!} \\
&V(X,y,\overline{x}) &= \begin{bmatrix} P(X,y,\overline{x}) \\ Q(X,y,\overline{x}) \\ Q(X,y,\overline{x}) \end{bmatrix} \\
&V(X,y,\overline{x}) &= \begin{bmatrix} \partial/\partial X \\ \partial/\partial y \\ \partial y \\ \partial \overline{z} \end{bmatrix}
\end{aligned}$$

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\nabla(X,y,\overline{x}) &= \begin{bmatrix} \partial/\partial X \\ \partial/\partial y \\ \partial \overline{z} \end{bmatrix}
\end{aligned}$$

$$\begin{aligned}
&\mathcal{O} &= \begin{bmatrix} \partial/\partial X \\ \partial y \\ \partial \overline{z} \end{bmatrix}
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