



## SISTEMAS DE PARTÍCULAS

$$\begin{bmatrix}
\frac{\partial p}{\partial t} = F
\end{bmatrix}$$
Theresizes  $p = e^{-\frac{1}{2}} (m_1 v_1 + m_2 v_2) = m_1 v_1 + m_2 v_2$ 

$$\begin{bmatrix}
\frac{\partial p}{\partial t} = F
\end{bmatrix}$$
Theresizes  $p = e^{-\frac{1}{2}} (m_1 v_1 + m_2 v_2) = \frac{1}{2} (m_1 v_1^2 + \frac{1}{2} m_2 v_2^2 + Q)$ 
Therefore
$$\begin{bmatrix}
\frac{\partial p}{\partial t} = F
\end{bmatrix}$$
Therefore
$$\begin{bmatrix}
\frac{\partial p}{\partial t} =$$