-维形式的熵流动控制方程

Friday, June 2, 2023

而:有权熵运动情况下的角壁控制方程为:

$$\frac{\partial \rho}{\partial t} + \frac{\partial \rho}{\partial x} = 0$$

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数: 30 = 5

$$\frac{3x}{69n} - \frac{3x}{3n} - \frac{3x}{3n} + \frac{36}{36} \cdot \frac{3x}{36} = 0$$

$\frac{dx}{dx} + \frac{dy}{dx} + \frac{dy}{dx} + \frac{dy}{dx} = 0,$
$\frac{\sqrt{3}}{\sqrt{3}} + \frac{\sqrt{3}}{\sqrt{3}} + \sqrt{\frac{3}{3}} = 0$
该式司写为:
$\begin{cases} \frac{\partial l}{\partial t} + u \frac{\partial l}{\partial x} + l \frac{\partial u}{\partial x} = 0 \\ \frac{\partial l}{\partial t} + \frac{c^2}{2} \frac{\partial l}{\partial x} + u \frac{\partial u}{\partial x} = 0 \end{cases} = 0$
$\frac{\partial u}{\partial t} + \frac{c^2}{\partial t} \frac{\partial \rho}{\partial x} + u \frac{\partial u}{\partial x} = 0, \textcircled{a}.$
シリナAシ×=0, 其中U=[U] A=[U] P]
野: A有特征値:NE-A = [入- u -p]
$\left[-\frac{C^{2}}{\rho \sqrt{2}} \right]$
$(\lambda - u)^2 - \frac{C}{2} = 0,$
$\frac{(1-u)^2-\frac{C^2}{\gamma^2}=0}{\lambda_{n=1}^n u\pm \sqrt{\frac{C^2}{\gamma^2}}}$