$$u_i = \sum_{s=1}^{ns} \frac{\rho_s}{\rho} u_{si}$$

$$\partial(\rho u_i u_i) \quad \partial p \quad \partial \tau_{ii}$$

 $\partial(\rho_s v_{si})$

 $\partial(\rho_s u_i)$

 ∂x_i

 $\partial \rho u_i$