$$+\frac{\partial (\rho u_i u_j)}{\partial x_i} = -\frac{\partial (\rho u_i u_j)}{\partial x_i} + w_i$$
$$u_i = \sum_{s=1}^{ns} \frac{\rho_s}{\rho} u_{si}$$
$$\frac{\partial (\rho u_i u_j)}{\partial x_j} = -\frac{\partial p}{\partial x_i} + \frac{\partial \tau_{ij}}{\partial x_j}$$

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

 $\partial \rho_s$

 ∂t

 $\partial \rho u_i$

 ∂t

 $\partial(\rho_s u_i)$