

$$D_{i,j} = \frac{u_{i+\frac{1}{2},j}^{old} - u_{i-\frac{1}{2},j}^{old}}{\Delta x} + \frac{v_{i,j+\frac{1}{2}}^{old} - v_{i,j-\frac{1}{2}}^{old}}{\Delta y} \quad (18)$$