

$$\begin{aligned}
& \sum_{l,k=-N}^N u_{i+l,j+k} n(lh, kh) w_{lk} \\
& - u_{i,j} \sum_{l,k=-N}^N n(lh, kh) w_{lk} \\
& - \frac{u_{i+1,j} - u_{i-1,j}}{2h} \sum_{l,k=-N}^N lh \rho(lh, kh) n(lh, kh) w_{lk} \\
& - \frac{u_{i,j+1} - u_{i,j-1}}{2h} \sum_{l,k=-N}^N kh \rho(lh, kh) n(lh, kh) w_{lk} \\
& - \frac{1}{2} \frac{u_{i+1,j} + u_{i-1,j} - 2u_{i,j}}{h^2} \sum_{l,k=-N}^N (lh)^2 \rho(lh, kh) n(lh, kh) w_{lk} \\
& - \frac{u_{i+1,j+1} + u_{i-1,j-1} - u_{i+1,j} - u_{i-1,j}}{4h^2} \sum_{l,k=-N}^N lkh^2 \rho(lh, kh) n(lh, kh) w_{lk} \\
& - \frac{1}{2} \frac{u_{i,j+1} + u_{i,j-1} - 2u_{i,j}}{h^2} \sum_{l,k=-N}^N (kh)^2 \rho(lh, kh) n(lh, kh) w_{lk} \\
& - \frac{1}{6} \frac{u_{i+2,j} - 2u_{i+1,j} - 2u_{i-1,j} + u_{i-2,j}}{2h^2} \sum_{l,k=-N}^N (lh)^3 \rho(lh, kh) n(lh, kh) w_{lk} \\
& - \frac{1}{2} \frac{u_{i+1,j+1} + u_{i-1,j+1} - 2u_{i,j+1} - (u_{i+1,j-1} + u_{i-1,j-1} - 2u_{i,j-1})}{2h^2} \sum_{l,k=-N}^N l^2 kh^3 \rho(lh, kh) n(lh, kh) w_{lk} \\
& - \frac{1}{2} \frac{u_{i+1,j+1} + u_{i+1,j-1} - 2u_{i+1,j} - (u_{i-1,j+1} + u_{i-1,j-1} - 2u_{i-1,j})}{2h^2} \sum_{l,k=-N}^N lk^2 h^3 \rho(lh, kh) n(lh, kh) w_{lk} \\
& - \frac{1}{6} \frac{u_{i,j+2} - 2u_{i,j+1} - 2u_{i,j-1} + u_{i,j-2}}{2h^2} \sum_{l,k=-N}^N k^3 h^3 \rho(lh, kh) n(lh, kh) w_{lk}
\end{aligned}$$