Programming Module

Session-6

Scale-Adaptive Filtering Technique

Upper limit to the modeled length scale, is applied to nut

$$\Delta_f = \alpha \max \left\{ \left| \vec{U} \right| \delta t, \Delta^{1/3} \right\}$$

$$\alpha = 3 \quad (\alpha > 1),$$

$$\hat{\nu}_t = \left(\frac{\min(L_t, \Delta_f)}{L_t} \right)^{4/3} \frac{k}{\omega}$$

Thank you