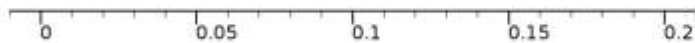


Description	Value
Heat transfer in biological tissue	Off
Isothermal domain	Off
Heat transfer in porous media	Off
Streamline diffusion	On
Crosswind diffusion	On
Isotropic diffusion	Off

2.3.1 Heat Transfer in Solids 1



Heat Transfer in Solids 1

Selection

Geometric entity level	Domain
Selection	Domain 1

Equations

$$A_c / C_p \mathbf{u} \cdot \nabla T + \nabla \cdot \mathbf{q} = A_c Q + q_0 + A_c Q_{\text{ted}}$$

$$\mathbf{q} = -A_c k \nabla T$$

Settings

Description	Value
Thermal conductivity	From material
Density	From material