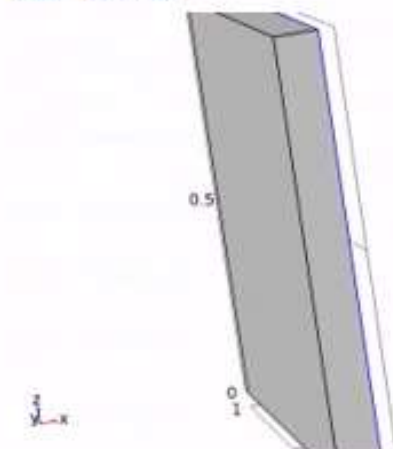


Name	Expression	Unit	Description	Selection
ht.ins1.Tave	if(ht.ins1.intBnd(ht.ins1.varIntSpa*ht.rho*ht.Cp*(ht.ux*ht.nx+ht.uy*ht.ny+ht.uz*ht.nz))==0,ht.ins1.intBnd(ht.ins1.varIntSpa*T)/ht.ins1.intBnd(ht.ins1.varIntSpa),ht.ins1.intBnd(ht.ins1.varIntSpa*ht.rho*ht.Cp*T*(ht.ux*ht.nx+ht.uy*ht.ny+ht.uz*ht.nz))/ht.ins1.intBnd(ht.ins1.varIntSpa*ht.rho*ht.Cp*(ht.ux*ht.nx+ht.uy*ht.ny+ht.uz*ht.nz)))	K	Weighted average temperature	Global

2.4.4 Heat Flux 1



Heat Flux 1

Selection

Geometric entity level	Boundary
Selection	Boundary 6

Equations

$$-\mathbf{n} \cdot \mathbf{q} = q_0$$

Settings

Description	Value
Heat flux	Convective heat flux
Heat transfer coefficient	User defined
Heat transfer coefficient	400