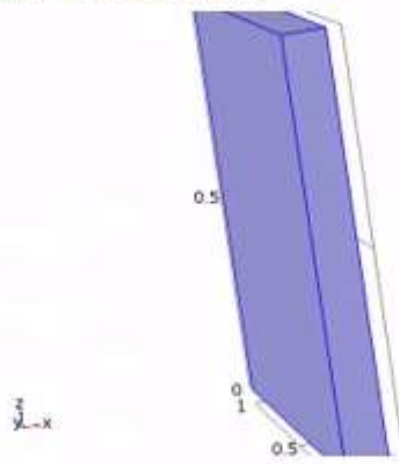


2.4.3 Thermal Insulation 1



Thermal Insulation 1

Selection

Geometric entity level	Boundary
Selection	Boundaries 1–5

Equations

$$-\mathbf{n} \cdot \mathbf{q} = 0$$

Variables

Name	Expression	Unit	Description	Selection
ht.ins1.ntfluxInt	ht.ins1.intExtBnd(ht.ntflux*ht.ins1.varIntSpa)	W	Total net heat rate	Global
ht.ins1.ntefluxInt	ht.ins1.intExtBnd(ht.nteflux*ht.ins1.varIntSpa)	W	Total net energy rate	Global
ht.ins1.ntfluxInt_u	ht.ins1.intIntBnd(ht.ntflux_u*ht.ins1.varIntSpa)	W	Total net heat rate, upside	Global
ht.ins1.ntefluxInt_u	ht.ins1.intIntBnd(ht.nteflux_u*ht.ins1.varIntSpa)	W	Total net energy rate, upside	Global
ht.ins1.ntfluxInt_d	ht.ins1.intIntBnd(ht.ntflux_d*ht.ins1.varIntSpa)	W	Total net heat rate, downside	Global
ht.ins1.ntefluxInt_d	ht.ins1.intIntBnd(ht.nteflux_d*ht.ins1.varIntSpa)	W	Total net energy rate, downside	Global