

Shape functions

Name	Shape function	Unit	Description	Shape frame	Selection
T	Lagrange (Quadratic)	K	Temperature	Material	Domain 1

Weak expressions

Weak expression	Integration frame	Selection
$-(ht.k_effx \cdot Tx + ht.k_effxy \cdot Ty + ht.k_effxz \cdot Tz) \cdot test(Tx) -$ $(ht.k_effyx \cdot Tx + ht.k_effyy \cdot Ty + ht.k_effyz \cdot Tz) \cdot test(Ty) -$ $(ht.k_effzx \cdot Tx + ht.k_effzy \cdot Ty + ht.k_effzz \cdot Tz) \cdot test(Tz)) \cdot ht.d$	Material	Domain 1
$-ht.rho \cdot ht.Cp \cdot (ht.ux \cdot Tx + ht.uy \cdot Ty + ht.uz \cdot Tz) \cdot test(T) \cdot ht.d$	Material	Domain 1
ht.streamline	Material	Domain 1