ME 504 - Computation Mechanics

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1   2D Steady Conduction in a Rectangular Domain
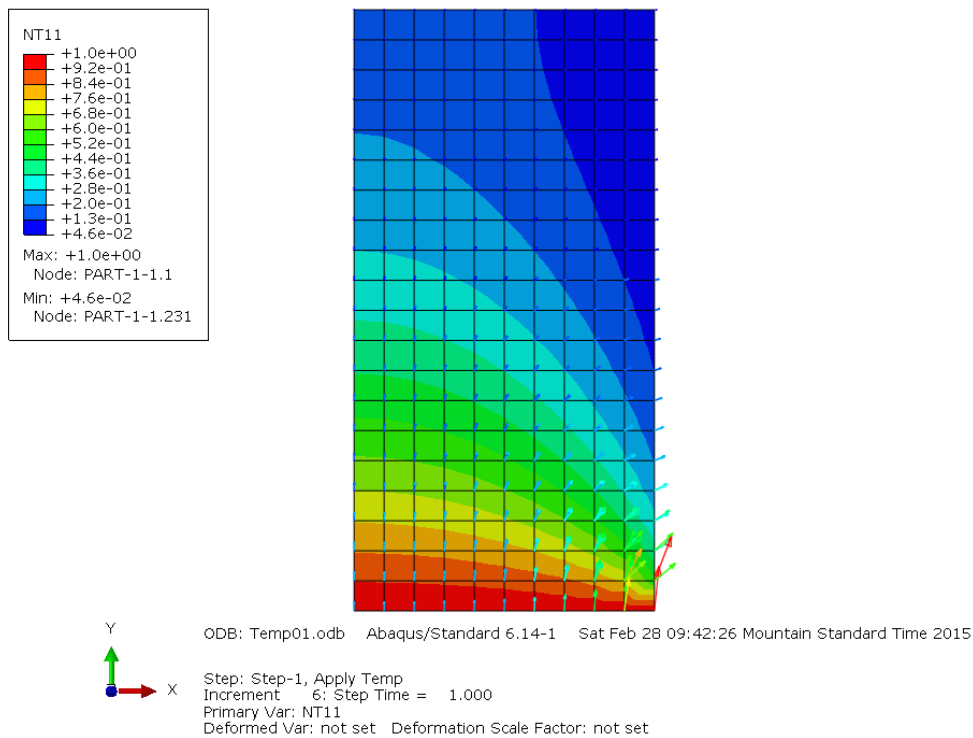

Figure 1: Contour of nodal temperatures and arrows indicate magnitude and diretion of flux.

2   3D Conduction Tutorial

NT11
+2.556e+06
+2.343e+06
+2.130e+06
+1.917e+06
+1.704e+06
+1.491e+06
+1.278e+06
+1.065e+06
+8.522e+05
+6.392e+05
+4.262e+05
+2.133e+05
+3.000e+02

ODB: Job-1.odb   Abaqus/Standard 6.14-1   Sat Feb 28 18:20:01 Mountain Standard Time 2015

Step: Step-1
Increment   1: Step Time =   1.000
Primary Var: NT11
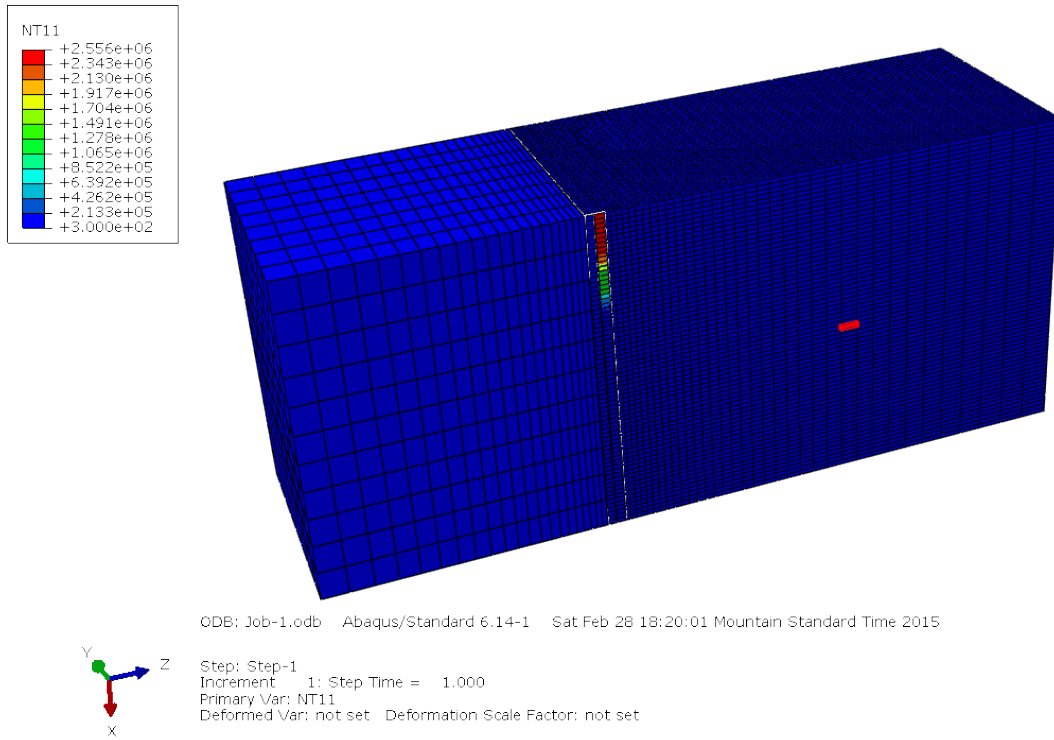Deformed Var: not set   Deformation Scale Factor: not set

Figure 2: Contour of nodal temperatures across the planes of symmetry (adiabatic boundary) of the platinum bridge submerged in water.