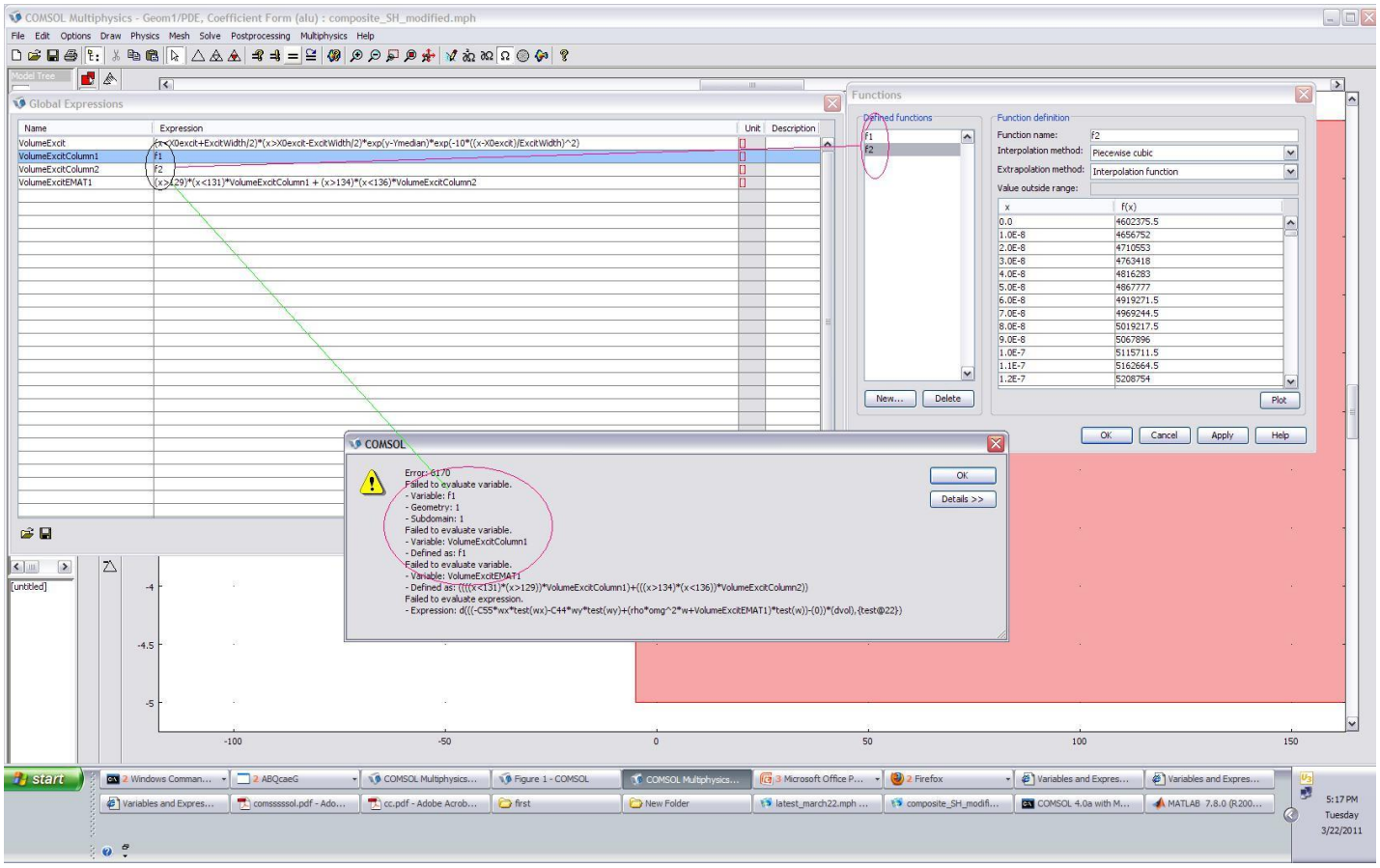
COMSOL Multiphysics - Geom1/PDE, Coefficient Form (alu) : composite_SH_modified.mph
File Edit Options Draw Physics Mesh Solve Postprocessing Multiphysics Help
Model Tree
Global Expressions
Name
Expression
Unit
Description
VolumeExcit
(x<X0excit+ExcitWidth/2)*(x>X0excit-ExcitWidth/2)*exp(y-Ymedian)*exp(-10*((x-X0excit)/ExcitWidth)^2)
VolumeExcitColumn1
f1
VolumeExcitColumn2
f2
VolumeExcitEMAT1
(x>129)*(x<131)*VolumeExcitColumn1 + (x>134)*(x<136)*VolumeExcitColumn2
Functions
Defined functions
f1
f2
New...
Delete
Function definition
Function name:
f2
Interpolation method:
Piecewise cubic
Extrapolation method:
Interpolation function
Value outside range:
x
f(x)
0.0
4602375.5
1.0E-8
4656752
2.0E-8
4710553
3.0E-8
4763418
4.0E-8
4816283
5.0E-8
4867777
6.0E-8
4919271.5
7.0E-8
4969244.5
8.0E-8
5019217.5
9.0E-8
5067896
1.0E-7
5115711.5
1.1E-7
5162664.5
1.2E-7
5208754
Plot
OK
Cancel
Apply
Help
COMSOL
Error: 6170
Failed to evaluate variable.
- Variable: f1
- Geometry: 1
- Subdomain: 1
Failed to evaluate variable.
- Variable: VolumeExcitColumn1
- Defined as: f1
Failed to evaluate variable.
- Variable: VolumeExcitEMAT1
- Defined as: ((((x<131)*(x>129))*VolumeExcitColumn1)+(((x>134)*(x<136))*VolumeExcitColumn2))
Failed to evaluate expression.
- Expression: d(((-C55*wx*test(wx)-C44*wy*test(wy)+(rho*omg^2*w+VolumeExcitEMAT1)*test(w))-(0))*(dvol),{test@22})
OK
Details >>
[untitled]
-4
-4.5
-5
-100
-50
0
50
100
150
start
5:17 PM
Tuesday
3/22/2011