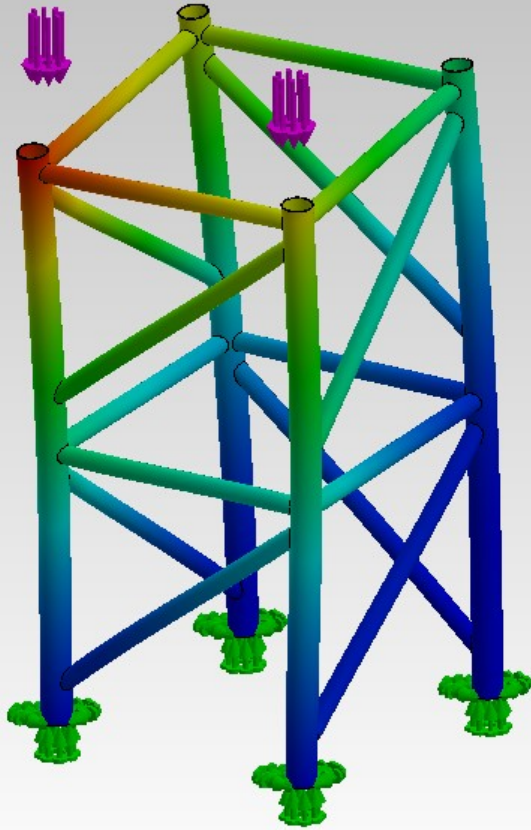
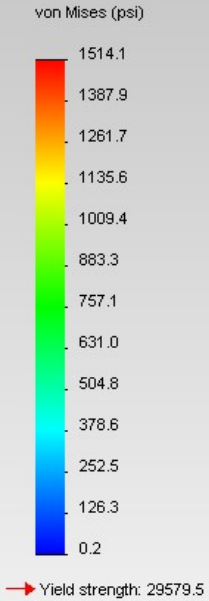
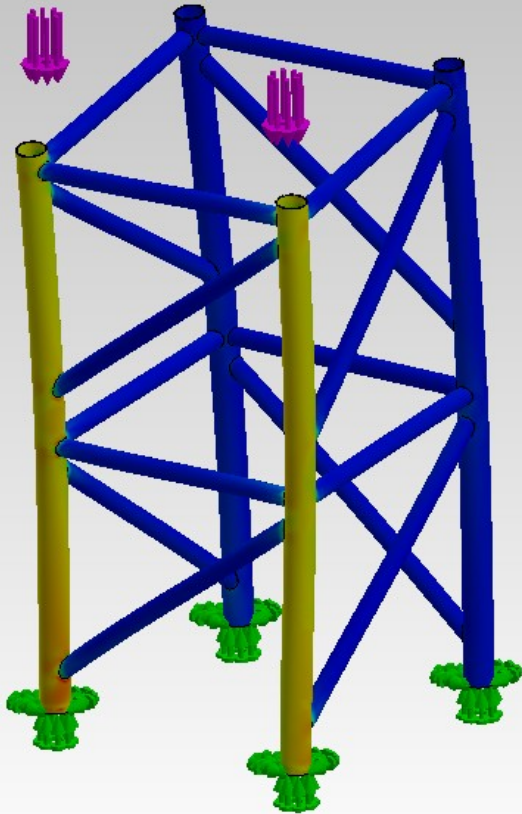
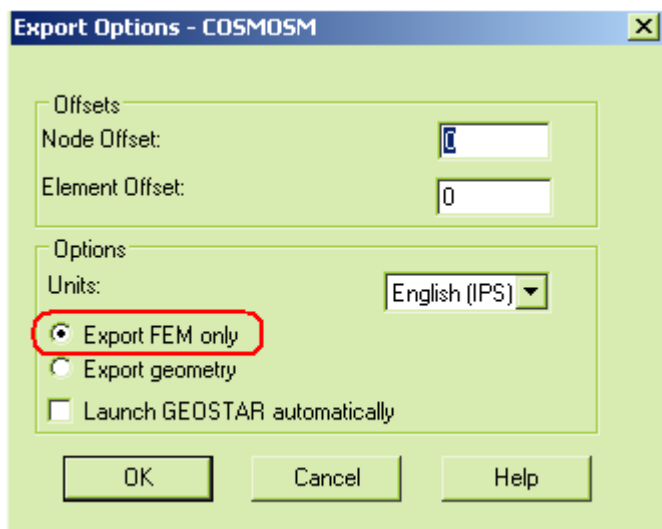
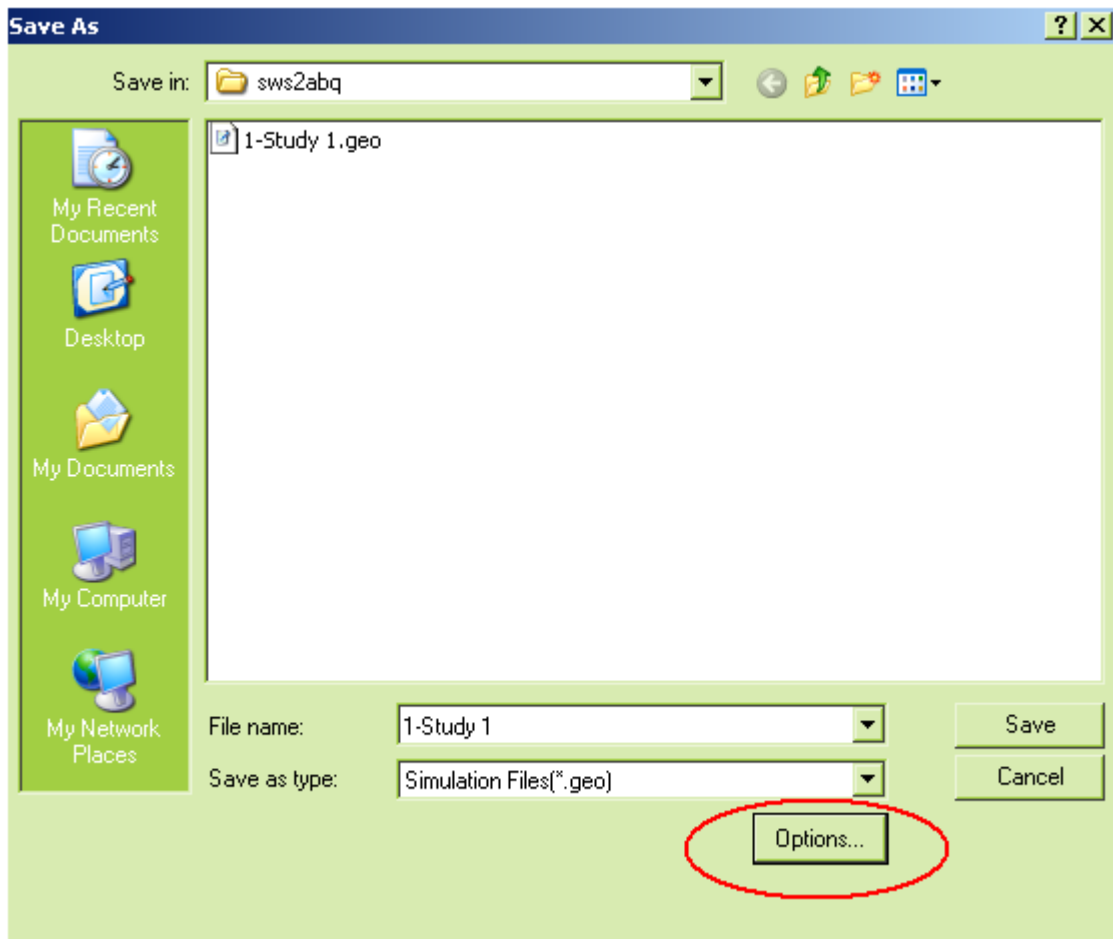


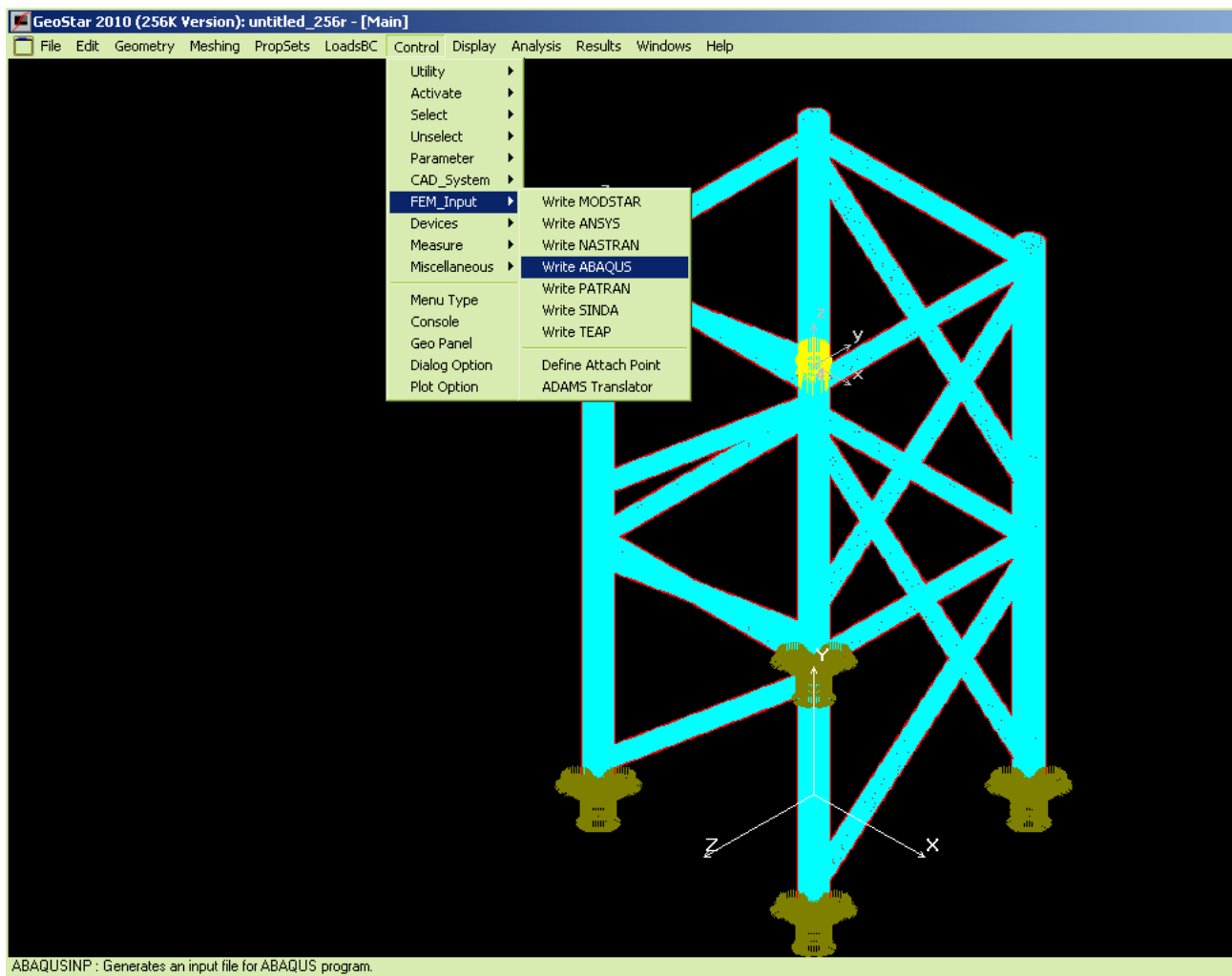
Model name: 1  
Study name: Study 1  
Plot type: Static displacement Displacement1  
Deformation scale: 1794.71



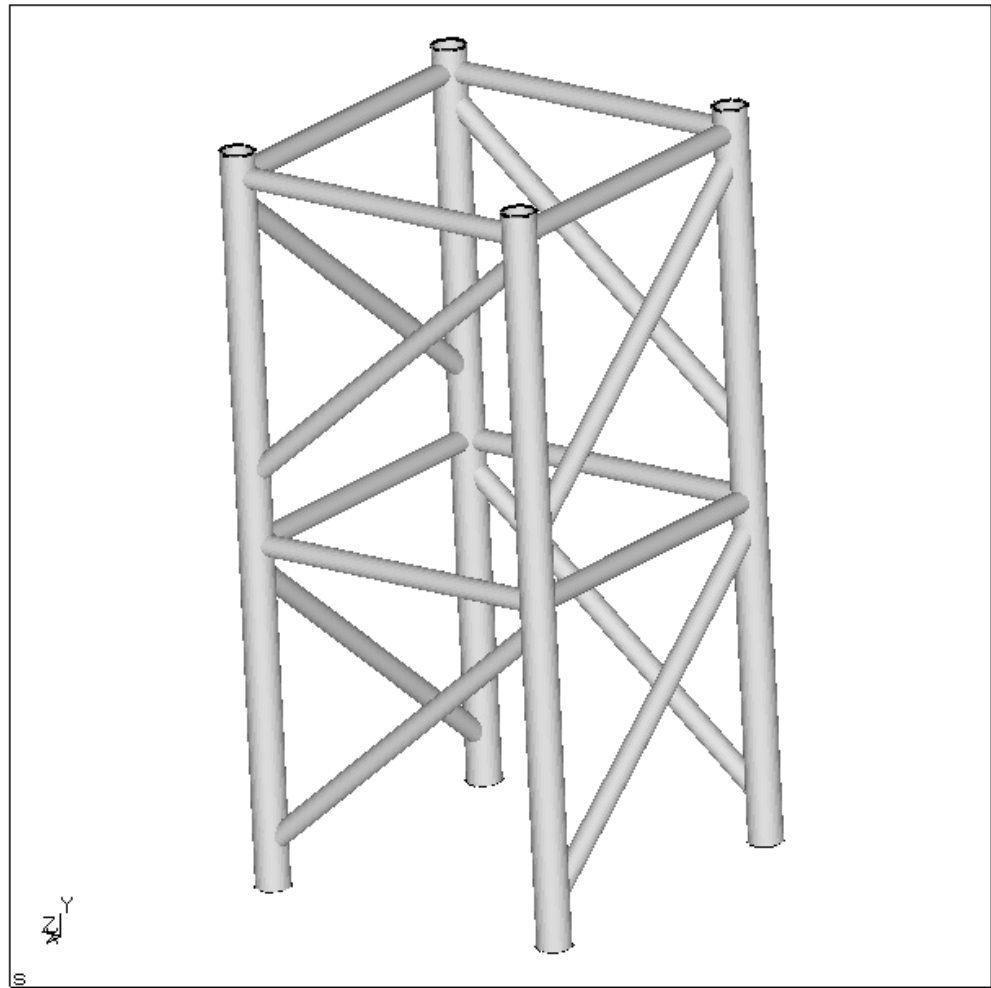
Model name: 1  
Study name: Study 1  
Plot type: Static nodal stress Stress1  
Deformation scale: 1794.71







ABAQUSINP : Generates an input file for ABAQUS program.



C:\Documents and Settings\

\My Documents\untitled\_256r.INP

## Input correction

Before correction		After Correction	
Removing *PART			
<pre>2 - *HEADING 3 4 ** PARTS 5 ** 6 - *PART, NAME=PART1 7 - *NODE, NSET=NSET1</pre>	<pre>4 ** PARTS 5 ** 6 7 - *NODE, NSET=NSET1</pre>		
Removing *END PART, *INSTANCE, *ASSEMBLY			
<pre>9224 1.0,0.0,0.0,0.0,1.0,0.0 9225 0.0,0.0,0.0 9226 *SOLID SECTION,ELSET=PART1_EG1,MATERIAL=MAT1, ORIENT=RECT1 9227 *END PART 9228 ** ASSEMBLY 9229 - *ASSEMBLY, NAME=ASSEMBLY 9230 - *INSTANCE, NAME=PART1-1, PART=PART1 9231 *END INSTANCE 9232 - *NSET,NSET=BC_NSET1,INSTANCE=PART1-1</pre>	<pre>9224 9225 - *SOLID SECTION,ELSET=PART1_EG1,MATERIAL=MAT1, 9226 9227 - *NSET,NSET=BC_NSET1, 9228 181,182,183,184,185,186,187,866,867,868,869,870,871,1654,165 9229 1657,1658,1659,1660,2381,2382,2383,2384,2385,2386,7620,7621,</pre>		
Removing “INSTANCE=PART1-1” using “Search ... Replace”			
<pre>9260 - *NSET,NSET=CL_NSET1,INSTANCE=PART1-1 9261 7494 9262 - *NSET,NSET=CL_NSET2,INSTANCE=PART1-1 9263 7495 9264 - *NSET,NSET=CL_NSET3,INSTANCE=PART1-1 9265 7496 9266 - *NSET,NSET=CL_NSET4,INSTANCE=PART1-1 9267 7497 9268 - *NSET,NSET=CL_NSET5,INSTANCE=PART1-1  9692 *END ASSEMBLY 9693 *MATERIAL,NAME=MAT1 9694 - *ELASTIC 9695 0.290075E+08,0.290000E+00, 9696 - *PLASTIC, HARDENING=COMBINED, DATATYPE=PARAMETERS 9697 29579.,0.0000,0.85000 9698 - *DENSITY 9699 0.736416E-03, 9700 - *STEP 9701 LOAD CASE NUMBER 1 9702 *STATIC 9703 - *BOUNDARY 9704 ASSEMBLY.BC_NSET1,1,1 9705 ASSEMBLY.BC_NSET1,2,2 9706 ASSEMBLY.BC_NSET1,3,3</pre>	<pre>9255 - *NSET,NSET=CL_NSET1, 9256 7494 9257 - *NSET,NSET=CL_NSET2, 9258 7495 9259 - *NSET,NSET=CL_NSET3, 9260 7496 9261 - *NSET,NSET=CL_NSET4, 9262 7497  9688 *MATERIAL,NAME=MAT1 9689 - *ELASTIC 9690 0.290075E+08,0.290000E+00, 9691 9692 - *DENSITY 9693 0.736416E-03, 9694 - *STEP 9695 LOAD CASE NUMBER 1 9696 *STATIC 9697 - *BOUNDARY 9698 BC_NSET1,1,1 9699 BC_NSET1,2,2 9700 BC_NSET1,3,3</pre>		
Removing “OP=NEW” using “Search ... Replace”			
<pre>9707 - *CLOAD,OP=NEW 9708 CL_NSET1,2,-0.291040E+01 9709 - *CLOAD,OP=NEW 9710 CL_NSET2,2,0.279469E+01 9711 - *CLOAD,OP=NEW 9712 CL_NSET3,2,0.279446E+01 9713 - *CLOAD,OP=NEW 9714 CL_NSET4,2,0.849994E+01 9715 - *CLOAD,OP=NEW</pre>	<pre>9701 - *CLOAD, 9702 CL_NSET1,2,-0.291040E+01 9703 - *CLOAD, 9704 CL_NSET2,2,0.279469E+01 9705 - *CLOAD, 9706 CL_NSET3,2,0.279446E+01 9707 - *CLOAD, 9708 CL_NSET4,2,0.849994E+01 9709 - *CLOAD,</pre>		
Putting *... FILE Commands			
<pre>0137 - *CLOAD,OP=NEW 0138 CL_NSET216,2,-0.317159E+02 0139 *END STEP 0140</pre>	<pre>0132 CL_NSET216,2,-0.317159E+02 0133 0134 - *NODE FILE 0135 U 0136 - *EL FILE 0137 S,E 0138 0139 - *END STEP 0140</pre>		

Calculix Graphix

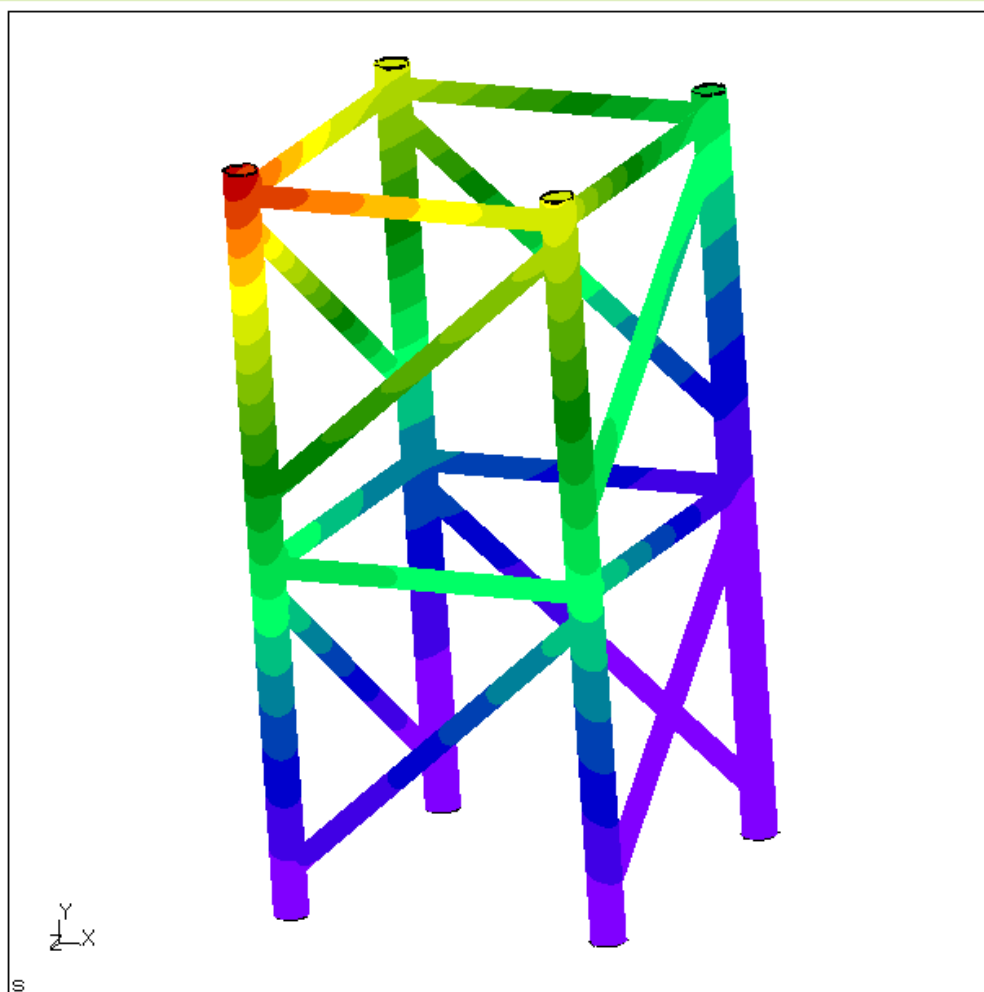
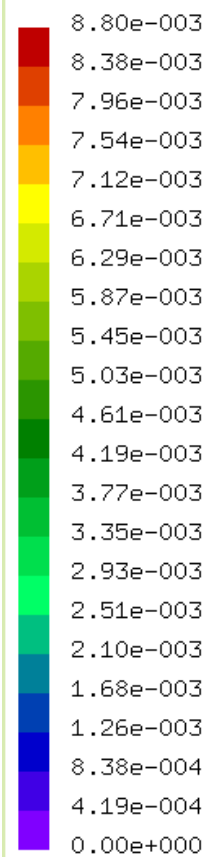
DAT1:DISP

Time:1.000000

Entity:ALL

max: 8.80e-003

min: 0.00e+000



Calculix Graphix

DAT2:STRESS

Time:1.000000

Entity:Mises

max: 1.51e+003

min: 1.76e-001

