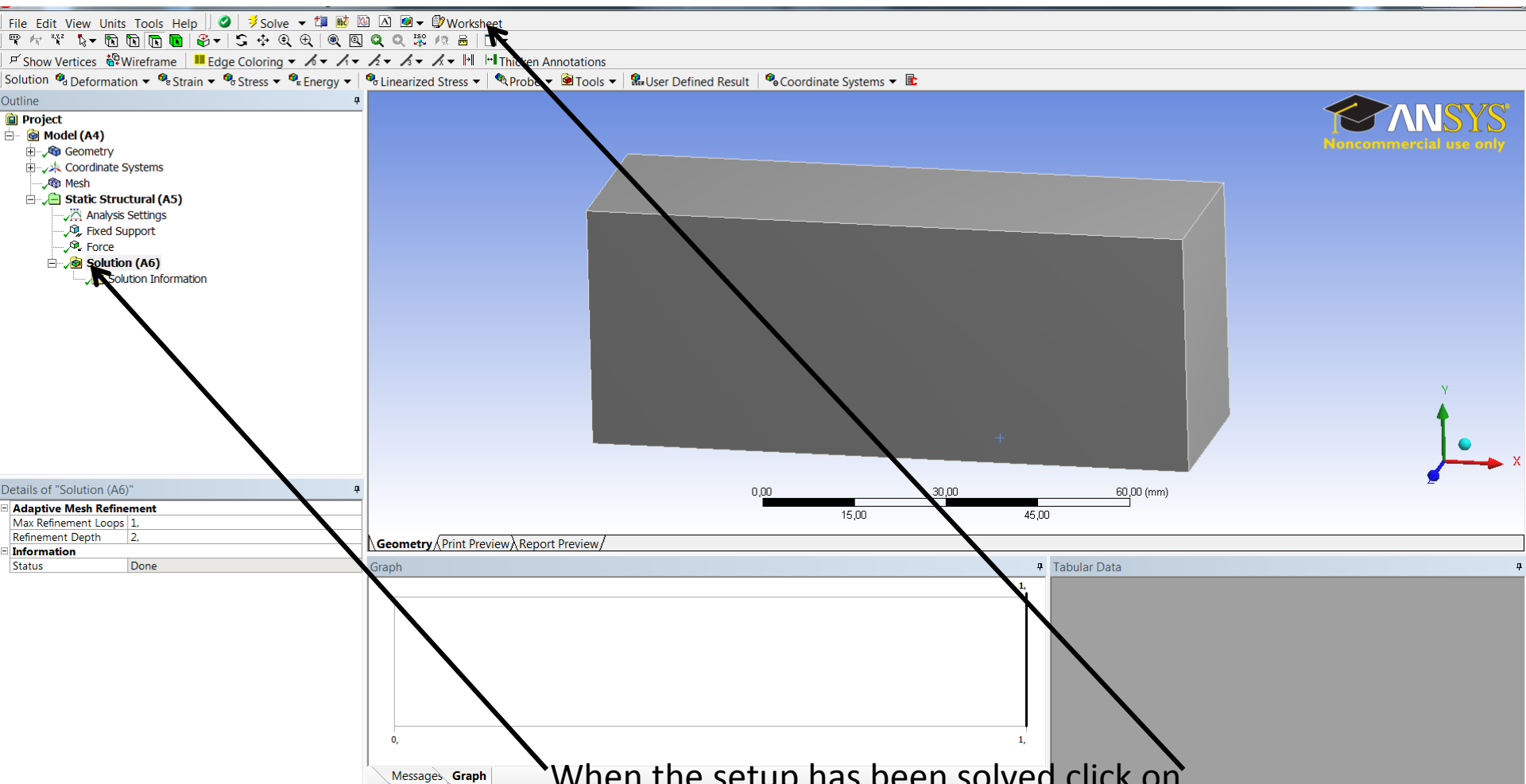


In these tutorials plot of results

Workbench 13.0

Aalborg Universitet esbjerg  
Søren Heide Lambertsen



When the setup has been solved click on solution and then on Worksheet

File Edit View Units Tools Help | Solve | Worksheet

Show Vertices Wireframe Edge Coloring Thicken Annotations

Solution Deformation Strain Stress Energy Linearized Stress Probe Tools User Defined Result Coordinate Systems

Outline Project

- Model (A4)
  - Geometry
  - Coordinate Systems
  - Mesh
  - Static Structural (A5)
    - Analysis Settings
    - Fixed Support
    - Force
    - Solution (A6)
      - Solution Information

Details of "Solution (A6)"

**Adaptive Mesh Refinement**

Max Refinement Loops 1.  
Refinement Depth 2.

**Information**

Status Done

Worksheet

### User Defined Result Expressions

Type	Data Type	Data Style	Component	Expression	Output Unit
U	Nodal	Scalar	X	UX	Displaceme...
U	Nodal	Scalar	Y	UY	Displaceme...
U	Nodal	Scalar	Z	UZ	Displaceme...
U	Nodal	Scalar	SUM	USUM	Displaceme...
U	Nodal	Vector	VECTORS	UVECTORS	Displaceme...
S	Element No...	Scalar	X	SX	Stress
S	Element No...	Scalar	Y	SY	Stress
S	Element No...	Scalar	Z	SZ	Stress
S	Element No...	Scalar	XY	SXY	Stress
S	Element No...	Scalar	YZ	SYZ	Stress
S	Element No...	Scalar	XZ	SXZ	Stress
S	Element No...	Scalar	1	S1	Stress
S	Element No...	Scalar	2	S2	Stress
S	Element No...	Scalar	3	S3	Stress
S	Element No...	Scalar	INT	SINT	Stress
S	Element No...	Scalar	EQV	SEQV	Stress
S	Element No...	Tensor	VECTORS	SVECTORS	Stress
S	Element No...	Scalar	MAXSHEAR	SMAXSHEAR	Stress
EPTO	Element No...	Scalar	X	EPTOX	Strain
EPTO	Element No...	Scalar	Y	EPTOY	Strain
EPTO	Element No...	Scalar	Z	EPTOZ	Strain

Graphics Worksheet

Graph 1. Tabular Data

Now a table with all the output is shown, right click to use the result.

File Edit View Units Tools Help

Solve

Show Vertices Wireframe Edge Coloring Thicken Annotations

Result 4.9e+003 (Auto S) Probe

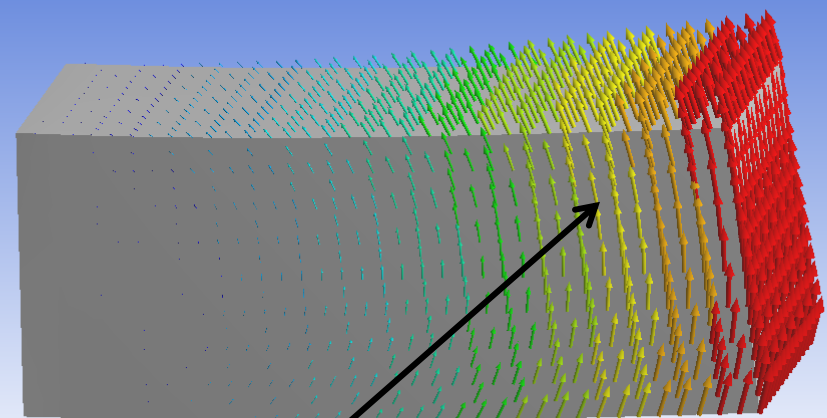
Vector Display

Outline

Project  
Model (A4)  
Geometry  
Coordinate Systems  
Mesh  
Static Structural (A5)  
Analysis Settings  
Fixed Support  
Force  
Solution  
Solution Information  
UVECTORS

A: Static Structural  
UVECTORS  
Expression: UVECTORS  
Unit: mm  
Time: 1  
30-11-2011 13:14

0,0011937 Max  
0,0010611  
0,00092845  
0,00079581  
0,00066318  
0,00053054  
0,00039791  
0,00026527  
0,00013264  
0 Min

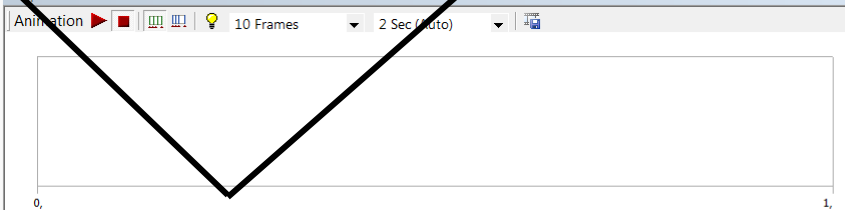


Details of "UVECTORS"

Scope	
Scoping Method	Geometry Selection
Geometry	All Bodies
Definition	
Type	User Defined Result
Expression	= UVECTORS
Input Unit System	Metric (mm, kg, N, s, mV, mA)
Output Unit	Displacement
By	Time
Display Time	Last
Calculate Time History	Yes
Identifier	
Results	
Minimum	0, mm
Maximum	1.1937e-003 mm
Information	

Geometry Print Preview Report Preview

Graph Animation 10 Frames 2 Sec (Auto)



Tabular Data

When the result has been updated the plot is done.

Messages Graph