

ANSYS Workbench Class3 Error Report

ERROR NO: WB2013-12

Keywords:

RESULTS ELEMENTAL DIFFERENCE ELEMENTAL MEAN
NODAL FRACTION

Description of Error:

In Workbench Mechanical, if the Display Option for a Maximum Shear Stress result is set to Elemental Difference or Elemental Mean, then the displayed contour values are twice the correct values. The maximum and minimum values in the details view are also twice the correct value.

Note: Maximum Shear Stress values should be one half (1/2) of Stress Intensity values for the Elemental Difference and the Elemental Mean Display Options.

In addition, if the Display Option for a Maximum Shear Stress result is set to Nodal Fraction, then the displayed contour values are half the correct values. The maximum and minimum values in the details view are also half the correct value.

Note: Maximum Shear Stress values should be equal to Stress Intensity values for the Nodal Fraction Display Option.

Typical GUI Path(s):

Solution -> Insert -> Stress ->Maximum Shear Integration Point Results -> Display Option -> Elemental Difference / Elemental Mean / Nodal Fraction

Other Comments:

First Incorrect Version:

Release 13.0

Corrected In:

Release 15.0

Suggested User Action For Running on Uncorrected Version:

None

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