

ANSYS Workbench Class3 Error Report

ERROR NO:

WB2014-11

Keywords:

STRESS RESULTS

STRAIN RESULTS

LAYER

Description of Error:

For shell elements that contain precisely one layer, the result displays for element nodal data like stress and strain are incorrect if the user selects both of these in the Details View:
(1) LAYER = 1, and (2) Coordinate System = Solution Coordinate System

Typical GUI Path(s):

Solution->Insert->Stress Solution->Insert->Strain

Other Comments:

Because of the defect, Workbench Mechanical is actually displaying the contours for Layer = "Entire Section" or Layer = 0 if the user chooses Layer = 1. The error does not affect data types like displacements. If the environment contains no layered sections, the GUI does not contain a Layer Detail. In this case, the Layer cannot be set to 1 and hence the stress/strain display is correct.

First Incorrect Version:

Release 14.0

Corrected In:

Release 16.0

Suggested User Action For Running on Uncorrected Version:

Use a Command Object for shell models that contain layered sections with at most one layer.

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