

ANSYS Class3 Error Report

ERROR NO:
2011-13R1

Keywords:

MAGNETOSTATIC TORQUE STRUCTURAL ELASTIC
SUPPORT MOMENT REACTION

Description of Error:

This Class3 Error Report was originally inadvertently issued as an ANSYS Class3 Error Report rather than an ANSYS Workbench Class3 Error Report. ANSYS Workbench Class3 Error Report WB2011-19 has been issued to describe this error.

For Magnetostatic analyses, the Torque probe can be incorrect if the unit system active during the solution phase is different from the length unit in the Details View for Geometry.

For Structural analyses, the Moment Reaction probe, scoped to an Elastic Support, can be incorrect if the unit system active during the solution phase is different from the length unit in the Details View for Geometry.

Typical GUI Path(s):

Solution->Insert->Probe->;Torque

Solution->;Insert->;Probe->;Moment Reaction

Other Comments:

The probe calculation required that the Summation be in the units that were active during the solution. However, the Summation Point was erroneously kept in Geometry units.

First Incorrect Version:

Release 12.0

Corrected In:

Release 14.0

Suggested User Action For Running on Uncorrected Version:

Rerun the solution in the same unit system as the geometry.

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