ANSYS Workbench Class3

Error Report

ERROR NO:

WB2013-24

Keywords:

REDUNDANCY ANALYSIS

JOINTS

Description of Error:

In ANSYS Mechanical, the information given in the redundancy analysis table is not updated when the redundancy analysis is performed. The redundant or inconsistent degrees of freedom are not shown. Particularly, redundant models cannot be identified. On redundant models, forces cannot be properly reported. The number of Free Degrees of Freedom reported by the redundancy analysis tool is correct.

Typical GUI Path(s):

Project->Model->Connections->Redundancy Analysis

Other Comments:

In a Rigid Body Dynamics analysis, redundancies may lead to incorrect forces.

First Incorrect Version:

Release 15.0

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Corrected In:
Release 16.0
Suggested User Action For Running on Uncorrected Version:
None.
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Reviewed By QA: Bill Bryan 12/22/2013
Approval: Dave Conover 12/17/2013