ANSYS Workbench Class3

Error Report

ERROR NO:

WB2012-03

Keywords:

HARMONIC RESULTS   MAXIMUM OVER FREQUENCY

FREQUENCY OF MAXIMUM

Description of Error:

If a harmonic analysis produces imaginary result data, then a
result defined by "Maximum Over Frequency" or "Frequency of
Maximum" will be incorrect.

Typical GUI Path(s):

Solution>Insert Definition>By->Maximum Over Frequency
Definition>By>Frequency of Maximum

Other Comments:

The error exists for both element nodal results (for example,
stress and strain) and nodal results (for example, deformation).
Imaginary sets exist if either (1) any damping has been specified
or (2) a phase angle has been specified for one of the loadings.

First Incorrect Version:

Release 12.0

Corrected In:

Release 14.5

Suggested User Action For Running on Uncorrected Version:

For each frequency in the results file, create the desired result object in the Solution folder. Find the maximum result/frequency value by examining each result object in the Solution folder.

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