

ANSYS Class3 Error Report**ERROR NO:**

2015-05

Keywords:

MISTUNING RESTART CYCLIC MODE-SUPERPOSITION
HARMONIC
CYCFREQ , RESTART , MIST

Description of Error:

When performing a mistuned cyclic mode-superposition harmonic response (ANTYPE,HARM with HROPT,MSUP and CYCOPT,MSUP,1 and CYCFREQ,MIST), and restarting the analysis (CYCFREQ,RESTART,MIST) with new mistuning parameters (CYCFREQ,MIST), all restart solutions disregard the new mistuning parameters. Instead, any mistuning restart solutions will incorrectly use the mistuning parameters from the initial (non-restart) solve.

Typical GUI Path(s):

n/a

Other Comments:**First Incorrect Version:**

Release 16.0

Corrected In:

Release 16.1

Suggested User Action For Running on Uncorrected Version:

The user can launch independent mistuning solutions while redefining the mistuning parameters using the CYCFREQ,MIST command. This can be automated by looping over the solution step using an APDL script. In this case, the user should not use CYCFREQ,RESTART,MIST.

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