

ANSYS Class3 Error Report**ERROR NO:**

2013-13

Keywords:

MPC184 ANTYPE,HARMIC HARMONIC ANALYSIS

Description of Error:

The solution may be incorrect during the second or subsequent load steps of a harmonic analysis [ANTYPE,HARMIC] involving MPC184 rigid link or beam elements (KEYOPT(1) = 0 or 1) which use the direct elimination method (KEYOPT(2) = 0; default). A memory overwrite occurs under these conditions which can lead to unpredictable behavior by the program.

Typical GUI Path(s):**Other Comments:****First Incorrect Version:**

Release 10.0

Corrected In:

Release 14.0

Suggested User Action For Running on Uncorrected Version:

To avoid this error, exit the solution phase [/SOLU] after each load step and re-enter the solution phase [/SOLU] to solve each new load step. Alternatively, consider using the Lagrange multiplier method (KEYOPT(2) = 1) with the MPC184 elements.

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