

ANSYS Class3 Error Report

ERROR NO:
2013-09 R1

Keywords:

DISTRIBUTED ANSYS

RESTART

TABULAR LOADS

Description of Error:

The solution may be incorrect when using Distributed ANSYS (i.e., distributed memory parallel) under the following conditions:

1. The simulation is restarted using ANTYPE,,RESTART,,,ENDSTEP or ANTYPE,,RESTART,,,PERTURB and
2. tabular inertial loads (e.g., ACEL, OMEGA, CGOMGA, etc.) are applied with the boundary conditions varying as a function of time.

Typical GUI Path(s):**Other Comments:**

Distributed ANSYS is not the default and must be chosen by adding the -dis argument on the command line, or by choosing the High Performance Computing Setup tab in the Mechanical APDL product launcher and selecting the "Use Distributed Computing" option.

First Incorrect Version:

Release 11.0

Corrected In:

Release 15.0

Suggested User Action For Running on Uncorrected Version:

Use shared memory parallel instead of distributed memory parallel for the entire run (the base run and the restart). You cannot work around the error by switching to shared memory parallel (from distributed memory parallel) for the restart.

Author Signature:

Jeff Beisheim 6/25/2013

Reviewed By QA:

Bill Bryan 6/26/2013

Approval:

Dave Conover 6/25/2013