

ANSYS Workbench Class3**Error Report****ERROR NO:**

WB2012-14

Keywords:

RANDOM VIBRATION RESPONSE SPECTRUM FORCE AND
MOMENT REACTION PROBES
SOLUTION COORDINATE SYSTEM REMOTE DISPLACEMENT

Description of Error:

Force and moment reaction probes in random vibration and response spectrum analyses are scoped to remote displacements, and if the remote displacement's coordinate system is not aligned with the global coordinate system, the results reported by force and moment reaction probes are incorrect.

Typical GUI Path(s):

Solution->Insert->Probe->Force Reaction
Solution->Insert->Probe->Moment Reaction

Other Comments:**First Incorrect Version:**

Release 14.0

Corrected In:

Release 15.0

Suggested User Action For Running on Uncorrected Version:

Create a Mechanical APDL command snippet and issue the RSYS,SOLU and PRRSOL commands. The listing for PRRSOL will include the reaction solution for the node associated with the remote displacement.

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