

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

WB2013-06

Keywords:

MECHANICAL RIGID BODY DYNAMICS RESULTS JOINT PROBES
UNIVERSAL JOINT

Description of Error:

In some situations, results given by joint probes for universal joints are incorrect. Results for X and Z axes are switched. In other cases, joint accelerations are wrong.

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

Model animation, bodies displacements and all other results, including joint probes on other types of joints, are unaffected by this problem.

First Incorrect Version:

Release 11.0

Corrected In:

Release 15.0

Suggested User Action For Running on Uncorrected Version:

When X and Z results are switched, flipping the joint definition by exchanging reference and mobile sides leads to correct results.

Author Signature:

Stephane Garreau 3/4/2013

Reviewed By QA:

Bill Bryan 3/5/2013

Approval:

Dave Conover 3/4/2013