

ANSYS Class3 Error Report**ERROR NO:**

2012-12

Keywords:

VCCT CINT NROTAT DSYMM

Description of Error:

When the nodal coordinate systems of the nodes that are involved in the VCCT calculation (CINT,TYPE,VCCT) are not parallel, the energy release rate result may not be correct. These nodes are the crack tip/front nodes and the nodes that are both on the crack surfaces and adjacent to crack tip/front nodes. Non-parallel nodal coordinate systems may result from explicit definition of nodal rotation angles (N command) or alignment with an existing coordinate system (e.g. NROTAT or DSYMM commands).

Typical GUI Path(s):

The CINT command cannot be accessed from a menu.

Other Comments:**First Incorrect Version:**

Release 13.0

Corrected In:

Release 14.5

Suggested User Action For Running on Uncorrected Version:

Use parallel nodal coordinate systems for the nodes involved in VCCT application.

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