

ANSYS Class3 Error Report**ERROR NO:**

2015-04

Keywords:

CIRCU94

CIRCU124

TRANSIENT

OUTRES

Description of Error:

All circuit components (KEYOPT(1)=0,1,2,3,4) of element type CIRCU94 and the inductor (KEYOPT(1)=1), capacitor (KEYOPT(1)=2), independent current source (KEYOPT(1)=3) and mutual inductor (KEYOPT(1)=8) components of element type CIRCU124 can produce incorrect results in a linear transient analysis if only the degree-of-freedom solution is written to the database (OUTRES,NSOL).

Typical GUI Path(s):

Main Menu>Solution>Analysis Type> Sol'n Controls

Other Comments:**First Incorrect Version:**

Release 5.2 for CIRCU124

Release 6.1 for CIRCU94

Corrected In:

Release 16.1

Suggested User Action For Running on Uncorrected Version:

Issue the OUTRES,RSOL,ALL command in addition to the
OUTRES,NSOL,ALL command.

or

Activate a nonlinear analysis e.g. NROPT,FULL.

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