

ANSYS Class3 Error Report**ERROR NO:**

2015-01

Keywords:

TB TBFIELD USER-FIELD VARIABLES INISTATE

Description of Error:

Material table properties (input via TB command) that are functions of user-field variables and also a function of temperature or frequency are incorrectly interpolated during solution. Correct values of the user-field variables are used for the interpolation of material properties but the temperature and frequency values used are zero instead of the correct values at the integration point. The affected material properties are Elastic (TB,ELASTIC), creep (TB,CREEP), Drucker-Prager (TB,EDP), Hyperelastic (TB,HYPER) and Rate (TB,RATE). This error occurs when node-based INISTATE is used with a user-defined field.

Typical GUI Path(s):

NA

Other Comments:**First Incorrect Version:**

Release 14.5

Corrected In:

Release 16.0

Suggested User Action For Running on Uncorrected Version:

Workaround for the issue is using additional user-field variables for temperature and/or frequency to define the material data tables.

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