

#1318: OptiStruct – Stabilization Energy Output for SMDISP NLSTAT

Product: OptiStruct

Product Version: OptiStruct 2017.2.3 or above


Topic Objective

Stabilization Energy output for small displacement NLSTAT Analysis in OptiStruct.

Topic Detail

Contact stabilization energy and internal energy were output for large displacement nonlinear analysis. Energy output is now supported for small displacement nonlinear analysis. The output is only available when NLOUT is defined. The energy curves give the summary information based on the total energy variables, and so it provides accuracy in an overall sense.

The results are output to an ASCII file entitled filename_e.nlm and an HyperView/HyperGraph session file entitled filename_nlm.mvw.

Name	Value
Solver Keyword	NLOUT
Name	NLOUT
ID	6
Color	
Include	[Master Model]
Card Image	NLOUT
User Comments	Do Not Export
<input checked="" type="checkbox"/> NINT	<input checked="" type="checkbox"/>
VALUE	10
SVNONCNV	<input type="checkbox"/>

