DIMENSION MAXIMUM NODES command

Synopsis

All arrays associated with APES whose dimensions are problem dependent are dimensioned dynamically. The DIMENSION MAXIMUM NODES commands are used by the analyst to declare the maximum size of arrays used to store all nodal information.

Syntax

The following syntax is associated with the DIMENSION MAXIMUM NODES command:

DIMension MAXimum NODes ##

Explanatory Notes

The DIMENSION MAXIMUM NODES command is used to allocate sufficient memory to store all nodal information. The value “##” must equal to the largest node number present in the finite element model.

Example of Command Usage

If the largest node number in a mathematical model is 15,329, either of the following DIMENSION MAXIMUM NODES commands is appropriate:

dimension maximum nodes 15,329

dim max nod 15,329