ANALYSIS DESCRIPTION command

Synopsis

The ANALYSIS DESCRIPTION command is used to specify whether an analysis is LINEAR (the default condition) or is NONLINEAR.

Syntax

The following syntax is associated with the ANALYSIS ACTION command:

ANALysis DEScription [ LINEar | TERminating (NONlinear) | NONterminating (NONlinear) ]

Explanatory Notes

In the case of nonlinear analyses the ANALYSIS DESCRIPTION command also instructs APES whether or not to terminate the analysis when convergence has not been achieved within a given solution increment.

Example of Command Usage

To specify a non-linear analysis in which execution is to be terminated if convergence is not achieved, enter either of the following commands:

analysis description terminating nonlinear

ana des ter non