DIMENSION MAXIMUM FUNCTION commands

Synopsis

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

Syntax

The following syntax is associated with the DIMENSION MAXIMUM FUNCTION commands:

DIMension MAXimum FUNction NUMbers  ##
DIMension MAXimum FUNction PAIrs  ##

Explanatory Notes

The keywords appearing above associated with the specification of element data have the following meaning:

FUNCTION NUMBERS : equals the maximum number of history functions used in an analysis.

FUNCTION PAIRS : equals the largest number of time-function pairs (time, value) used in any history function.
Example of Command Usage

If the largest history function number is equal to 6 and the largest number of points in a given history is 15, enter the following commands:

\texttt{dim max func numbers 6}

\texttt{dim max func pai 15}