

SUBROUTINE OPCARD

Description

This subroutine calls the routines to read the input for the optimization part of OPT3.

Calling Sequence

CALL OPCARD (P, MP, OA, MOA, LEFTOA, NPARM, ILOCOA, MILOC, A, MA)

Argument List

<u>Variable</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
P	Input	R	MP	The entire P array
MP	Input	I	1	Dimension of the P array
OA	Output	R	MOA	The entire OA array. Contains the information for each of the parameters to be optimized.
MOA	Input	I	1	Dimension of the OA array
LEFTOA	Both	I	1	Remaining available space in the OA array
NPARM	Output	I	1	Number of parameters to be optimized
ILOCOA	Output	I	MILOC	An integer array containing pointers to the beginning of the OA array for each parameter
MILOC	Input	I	1	Dimension of the ILOCOA array
A	Output	R	MA	The array containing the initial values of the parameters to be optimized
MA	Input	I	1	Dimension of the A array