FIT CONSTRAINT

NOTE

***** This command is not yet operational *****

PURPOSE
Specifies a constraint for subsequent FIT commands.

DESCRIPTION
The constraint can be an equality constraint such as ALPHA = 2.5 or an inequality constraint such as BETA > 0.

SYNTAX
FIT CONSTRAINT <parameter> <operation> <number>
where <parameter> is the name of a parameter to appear in subsequent FIT commands;
<operation> is =, >, >=, <, <=, or <=;
and <number> is any number or parameter.

EXAMPLES
FIT CONSTRAINT ALPHA = 2.3
FIT CONSTRAINT A > 0
FIT CONSTRAINT A < 100
FIT CONSTRAINT A

NOTE
If <operation> and <number> are omitted in the FIT CONSTRAINT command, then all prior constraints for that parameter will be deleted.

DEFAULT
There are no constraints.

SYNONYMS
None

RELATED COMMANDS
FIT = Carries out a least squares fit.
FIT ITERATIONS = Set the maximum iterations for a fit command.
FIT STANDARD DEVIATION = Set the minimum standard deviation for a fit command.
WEIGHTS = Set the weights for a fit command.

APPLICATIONS
Constrained fitting

IMPLEMENTATION DATE
Pre-1987, but constraints not currently utilized in fits