for mainframes only **USER**

USER *list of arguments* ;

Function:

USER allows a user-written TSP subroutine to be linked to the program. The list of arguments you have written is passed directly to the subroutine USER.

Usage:

To use the USER feature, you will have to write your own subroutine in Fortran and link it to the TSP program. To do this, you should consult the TSP Programmer's Guide and your local TSP consultant. Attempting to write a TSP subroutine requires understanding how the program works internally and is not recommended for novices or those who are unfamiliar with Fortran.

A default USER subroutine comes with the program; currently it takes the generalized inverse of a symmetric matrix and stores the corresponding eigenvalues and eigenvectors. Note that this feature requires that you have the source code for TSP (usually not available for PC or Mac, but sometimes available on request for unix).

Output:

The USER procedure will produce whatever output you print or store in data storage.

References:

Cummins, Clint and Hall, Bronwyn H., **Time Series Processor Version 4.0 Programmer's Manual,** TSP International, Stanford, CA, 1985.