

## ADAS Subroutine nsort

SUBROUTINE NSORT(XA, IA, N)

C

C-----

C

C \*\*\*\*\* FORTRAN77 SUBROUTINE: NSORT \*\*\*\*\*

C

C PURPOSE:

C SUBROUTINE TO SORT AN ARRAY SO THAT XA IS INCREASING ORDER

C

C

C INPUT

C XA(I)=X-VALUES

C IA(I)=I-VALUES

C N=NUMBER OF VALUES

C OUTPUT

C XA(I)=SORTED X-VALUES

C IA(I)=SORTED I-VALUES

C

C NOTES: THIS ROUTINE IS NOT YET PROPERLY ANNOTATED

C

C UNIX-IDL PORT:

C

C VERSION: 1.1 DATE: 01-02-96

C MODIFIED: TIM HAMMOND (TESSELLA SUPPORT SERVICES PLC)

C - PUT UNDER SCCS CONTROL

C

C-----

INTEGER IA(\*), N

REAL XA(\*)