

## ADAS Subroutine ccsort

SUBROUTINE CCSORT( XA , IA , N )

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C
C ***** FORTRAN77 SUBROUTINE: CCSORT *****
C
C PURPOSE: TO SORT AN ARRAY SO THAT XA IS INCREASING ORDER.
C
C CALLING PROGRAM: ADAS312
C
C SUBROUTINE:
C
C I/O : (R*8) XA ( ) = X-VALUES INITIAL THEN SORTED
C I/O : (I*4) IA ( ) = I-VALUES INITIAL THEN SORTED
C INPUT : (I*4) N = NUMBER OF VALUES
C
C (I*4) N1 = GENERAL INTEGER VARIABLE
C (I*4) I = GENERAL INTEGER VARIABLE
C (I*4) I1 = GENERAL INTEGER VARIABLE
C (I*4) J = GENERAL INTEGER VARIABLE
C (I*4) ISWAP = GENERAL INTEGER VARIABLE
C (R*8) SWAP = GENERAL REAL VARIABLE
C
C
C ROUTINES:
C NONE
C
C
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C JA8.08
C TEL. 0141-553-4196
C
C
C DATE: 16/05/97
C
C UNIX-IDL PORT: H.P.SUMMERS
C
C VERSION: 1.1 DATE: 10-07-97
C MODIFIED: HUGH SUMMERS, UNIVERSITY OF STRATHCLYDE
C - PUT UNDER S.C.C.S. CONTROL
C
C-----
C
C INTEGER IA (*), N
C REAL*8 XA (*)
```