

ADAS Subroutine dnsort

SUBROUTINE DNSORT(XA, YA, N)
IMPLICIT REAL*8 (A-H, O-Z)

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C-----
C  PURPOSE: TO SORT AN ARRAY SO THAT FIRST INPUT IS IN INCREASING ORDER
C
C  N.B.  INPUT VALUES ARE ALTERED BY THIS ROUTINE !!!!
C
C  INPUT
C      XA(I)=X-VALUES
C      YA(I)=Y-VALUES
C      N=NUMBER OF VALUES
C  OUTPUT
C      XA(I)=SORTED X-VALUES
C      YA(I)=SORTED Y-VALUES
C
C
C      *****                               *****
C  UNIX-IDL PORT:
C
C  VERSION: 1.1                               DATE: 07-11-96
C  MODIFIED: WILLIAM OSBORN (TESSELLA SUPPORT SERVICES PLC)
C            - PUT UNDER S.C.C.S. CONTROL
C
C  VERSION: 1.2                               DATE: 15-05-07
C  MODIFIED: Allan Whiteford
C            - Updated comments as part of subroutine
C              documentation production.
C-----
      INTEGER          N
      REAL*8          XA(10),      YA(10)
```