

ADAS Subroutine xxidtm

SUBROUTINE XXIDTM(INDEX , N , L , M)

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C
C ***** FORTRAN77 SUBROUTINE: XXIDTM *****
C
C PURPOSE:  INVERSE OF FUNCTION I4IDFM. RETURNS THE UNIQUE N, L AND M
C           QUANTUM NUMBERS WHICH GENERATE THE GIVEN INDEX WHEN PASSED
C           TO I4IDFM.
C
C CALLING PROGRAM: GENERAL USE.
C
C SUBROUTINE:
C
C INPUT : (I*4)  INDEX    = INDEX NUMBER.
C
C OUTPUT: (I*4)  N        = N QUANTUM NUMBER.
C OUTPUT: (I*4)  L        = L QUANTUM NUMBER.
C OUTPUT: (I*4)  M        = M QUANTUM NUMBER.
C
C           (I*4)  ID      = INDEX RETURNED BY FUNCTION I4IDFM
C
C ROUTINES:
C           ROUTINE      SOURCE      BRIEF DESCRIPTION
C           -----
C           I4IDFM       ADAS        RETURNS UNIQUE INDEX FROM QUANTUM
C                               NUMBERS N, L AND M.
C
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C           JET EXT. 5183
C
C DATE:    10/09/93
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C-----
C           INTEGER          INDEX,          L,          M,          N
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