

ADAS Subroutine xxidtl

SUBROUTINE XXIDTL(INDEX , N , L)

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C
C ***** FORTRAN77 SUBROUTINE: XXIDTL *****
C
C PURPOSE:  INVERSE OF FUNCTION I4IDFL. RETURNS THE UNIQUE N AND L
C           QUANTUM NUMBERS WHICH GENERATE THE GIVEN INDEX WHEN PASSED
C           TO I4IDFL.
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
C           (I*4)  ID       = INDEX RETURNED BY FUNCTION I4IDFL
C
C ROUTINES:
C           ROUTINE      SOURCE      BRIEF DESCRIPTION
C           -----
C           I4IDFL      ADAS        RETURNS UNIQUE INDEX FROM QUANTUM
C                               NUMBERS N AND L.
C
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C          K1/0/81
C          JET EXT. 5183
C
C DATE:    10/09/93
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```

INTEGER

INDEX,

L,

N