

ADAS Subroutine i4idfm

FUNCTION I4IDFM(N , L , M)

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C
C ***** FORTRAN77 INTEGER*4 FUNCTION: I4INDL *****
C
C PURPOSE: RETURNS A UNIQUE INDEX NUMBER BASED ON THE VALUE OF THE
C           N, L AND M QUANTUM NUMBERS PASSED TO IT. THE INDEX IS USED
C           TO REFERENCE ARRAYS CONTAINING DATA DEPENDENT ON THE
C           N, L AND M QUANTUM NUMBERS.
C
C CALLING PROGRAM: GENERAL USE
C
C FUNCTION:
C
C FUNC:      (I*4)    I4IDFM  = INDEX
C
C INPUT:     (I*4)    N       = N QUANTUM NUMBER.
C INPUT:     (I*4)    L       = L QUANTUM NUMBER.
C INPUT:     (I*4)    M       = M QUANTUM NUMBER.
C
C AUTHOR:    JONATHAN NASH (TESSELLA SUPPORT SERVICES PLC)
C            K1/0/81
C            JET EXT. 5183
C
C DATE:      10/09/93
C
C VERSION   : 1.2
C DATE      : 20-12-2001
C MODIFIED  : Martin O'Mullane
C            - Removed mainframe listing information beyond column 72.
C
C VERSION   : 1.3
C DATE      : 10-04-2007
C MODIFIED  : Allan Whiteford
C            - Modified documentation as part of automated
C            subroutine documentation preparation.
C-----
C-----
C           INTEGER                L,                M,                N
```