

ADAS Subroutine i4ngrp

FUNCTION I4NGRP (CHR)

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C
C-----
C
C ***** FORTRAN77 FUNCTION: I4NGRP *****
C
C PURPOSE: RETURNS N QUANTUM NUMBER GIVEN IN THE EISSNER SINGLE
C           HEXADECIMAL CHARACTER FORM
C
C
C INPUT :   (C*1)   CHR      = HEX. ORBITAL CHARACTER (EG. 'A')
C
C OUTPUT:   (I*4)   I4NGRP  = PRINCIPAL QUANTUM NUMBER FOR ORBITAL
C
C           (I*4)   I        = GENERAL INDEX
C
C SUBROUTINES: NONE
C AUTHOR:   W.J. DICKSON, JET
C
C DATE:    20/10/89
C
C UPDATE:  19/02/03 H.P. SUMMERS - EXTENDED RANGE
C
C UNIX-IDL PORT:
C
C VERSION: 1.1                      DATE: 22-1-96
C MODIFIED: TIM HAMMOND (TESSELLA SUPPORT SERVICES PLC)
C           - PUT UNDER SCCS CONTROL
C
C VERSION: 1.2                      DATE: 22-1-96
C MODIFIED: TIM HAMMOND (TESSELLA SUPPORT SERVICES PLC)
C           - PUT IN DEFAULT OF ZERO FOR RETURN VALUE.
C
C VERSION: 1.3                      DATE: 19-02-03
C MODIFIED: H.P. SUMMERS
C - EXTENDED RANGE
C-----
C           CHARACTER           CHR
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