

ADAS Subroutine i4eiss

FUNCTION I4EISS(CHR)

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C
C *****
C ***** FORTRAN 77 FUNCTION: I4EISS *****
C *****
C
C PURPOSE: RETURNS DECIMAL INDEX OF AN ORBITAL GIVEN IN THE EISSNER
C           HEXADECIMAL CHARACTER FORM.
C
C CALLING PROGRAM: VARIOUS
C
C SUBROUTINE:
C
C INPUT  : (C*1)  CHR    = HEX. ORBITAL CHARACTER (EISSNER)
C OUTPUT : (I*4)  I4EISS = DECIMAL ORBITAL INDEX (1 - 61)
C
C           (I*4)  I      = GENERAL INDEX
C           (C*1)  CHRA() = EISSNER HEXADECIMAL ORBITAL LIST
C
C ROUTINES: NONE
C
C AUTHOR:  H. P. SUMMERS, UNIVERSITY OF STRATHCLYDE
C          JA8.08
C          TEL. 0141-553-4196
C
C DATE:    04/06/96
C
C UNIX-IDL PORT:
C          WILLIAM OSBORN, TESSELLA SUPPORT SERVICES PLC.
C
C DATE:    20TH AUGUST 1996
C
C VERSION: 1.1 DATE: 20-08-96
C MODIFIED: WILLIAM OSBORN
C          - FIRST VERSION. SET DEFAULT VALUE OF I4EISS TO ZERO
C VERSION: 1.2 DATE: 19-02-03
C MODIFIED: H.P. SUMMERS - EXTENDED RANGE
C-----
C          CHARACTER          CHR
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