

## ADAS Subroutine i4schr

FUNCTION I4SCHR (CHR, IABT)

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C \*\*\*\*\* FORTRAN77 FUNCTION: I4SCHR \*\*\*\*\*

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C PURPOSE: CONVERT FROM CHARACTER REPRESENTATION OF NUMBER OF  
C EQUIVALENT ELECTRONS TO DECIMAL FORM

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C FUNCTION:

C INPUT : (C\*1) CHR = CHARACTER FORM FOR THE NO. OF  
C EQUIVALENT ELECTRONS

C OUTPUT: (I\*4) I4SCHR = INTEGER FORM FOR THE NO. OF  
C EQUIVALENT ELECTRONS

C (I\*4) IABT = RETURN CODE:

C 0 => NO ERROR

C 1 => ERROR (A VALUE 'I4SCHR=0' WILL BE  
C RETURNED).

C (I\*4) I = GENERAL INTEGER

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C SUBROUTINES: NONE

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C

C DATE: 30/10/95

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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: 19-02-03

C MODIFIED: H.P. SUMMERS

C - EXTENDED RANGE

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CHARACTER

CHR

INTEGER

IABT