

## ADAS Subroutine xxcmps

SUBROUTINE XXCMPS( CSTA19 , CSTB19 , LEQUIV )

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C \*\*\*\*\* FORTRAN77 SUBROUTINE: XXCMPS \*\*\*\*\*

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C PURPOSE: COMPARES TWO NINETEEN CHARACTER CONFIGURATION STRINGS IN  
C STANDARD FORM AND DETECTS IF THEY ARE EQUIVALENT INDEPENDENT  
C OF THE ORBITALS BEING IN UPPER OR LOWER CASE.

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C CALLING PROGRAMS: GENERAL USE

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C SUBROUTINE:

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C INPUT : (C\*19) CSTA19 = FIRST CONFIGURATION CHARACTER STRING

C INPUT : (C\*19) CSTB19 = SECOND CONFIGURATION CHARACTER STRING

C OUTPUT: (L\*4) LEQUIV = .TRUE. => CONFIGURATION STRINGS EQUIVALENT  
C .FALSE. => STRINGS NOT EQUIVALENT

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C ROUTINES:

C ROUTINE SOURCE BRIEF DESCRIPTION

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C XXWORD ADAS FINDS NUMBER OF WORDS IN A STRING

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C DATE: 01/10/96

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C UPDATE:

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C UNIX-IDL PORT:

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C VERSION: 1.1 DATE: 14-10-96

C MODIFIED: WILLIAM OSBORN (TESSELLA SUPPORT SERVICES PLC)

C - PUT UNDER SOFTWARE CONTROL

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C VERSION: 1.2 DATE: 28-08-97

C MODIFIED: HUGH SUMMERS

C - EXTENDED TO INCLUDE 'G' STATES

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C VERSION: 1.3 DATE: 26-06-98

C MODIFIED: RICHARD MARTIN

C - EDITED TO MAKE SURE 'IF' STATEMENT DOESN'T SPAN > 20

C LINES OF TEXT -CRASHES ON SUNOS 4.1.x

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CHARACTER\*19 CSTA19, CSTB19  
LOGICAL LEQUIV