

ADAS Subroutine spls

SUBROUTINE SPLS (XIN, Y)

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C ***** FORTRAN 77 SUBROUTINE SPLS *****
C
C PURPOSE:
C     COMPUTE 5-POINTS CUBIC SPLINE COEFFICIENTS
C INPUT:
C     (R*8) XIN - THE POINT WHERE THE SPLINE IS TO BE EVALUATED
C
C OUTPUT:
C     (R*8) Y - THE BURGESS KNOT POINTS
C
C ROUTINES:
C     NONE
C
C DATE:    02-07-95 VERSION 1.1
C
C WRITTEN: A.LANZAFAME & D.H. BROOKS, UNIV.OF STRAYTHCLYDE,
C     CONVERTED FROM BURGESS BBC BASIC
C
C DATE:    13-05-99 VERSION 1.2
C AUTHOR:  HUGH SUMMERS, UNIV.OF STRAYTHCLYDE,
C     CORRECTED MODIFICATION OF INPUT PARAMETER X ON RETURN
C-----
C
REAL*8          XIN,          Y(5)
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