

ADAS Subroutine ngspc

SUBROUTINE NGSPC(XA,N,C1,C2,C3,C4)
IMPLICIT REAL*8 (A-H,O-Z)

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C PURPOSE: GENERATE PRECURSORS OF SPLINE COEFFICIENTS SUITABLE
C FOR BOTH FORWARD AND BACKWARD INTERPOLATION

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C INPUT

C XA(I)=SET OF KNOTS

C N=NUMBER OF KNOTS (N.LE.20)

C OUTPUT

C C1(I,J)=1ST SPLINE COEFFICIENT PRECURSOR

C C2(I,J)=2ND SPLINE COEFFICIENT PRECURSOR

C C3(I,J)=3RD SPLINE COEFFICIENT PRECURSOR

C C4(I,J)=4TH SPLINE COEFFICIENT PRECURSOR

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C IDL-UNIX CONVERSION:

C

C VERSION: 1.1

DATE: 01/10/96

C MODIFIED: WILLIAM OSBORN

C - FIRST WRITTEN. NO CHANGES.

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C VERSION: 1.2

DATE: 15/05/07

C MODIFIED: Allan Whiteford

C - Updated comments as part of subroutine
C documentation production.

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INTEGER	N			
REAL*8	C1(10,9),	C2(10,9),	C3(10,9)	
REAL*8	C4(10,9),	XA(10)		