

## ADAS Subroutine sp9

FUNCTION SP9 (P, X)

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C  
C ***** FORTRAN 77 FUNCTION: SP9 *****  
C  
C PURPOSE: TO CALCULATE A SPLINE THROUGH THE NINE KNOT POINTS  
C  
C CALLING PROGRAM:  
C OMEUPS  
C  
C  
C INPUT:  
C (R*8) P - THE NINE KNOT POINTS  
C (R*8) X - THE POINT AT WHICH TO EVALUATE THE SPLINE  
C OUTPUT:  
C (R*8) SP9 - THE EVALUATED SPLINE  
C  
C ROUTINES: NONE  
C  
C DATE: 24-05-99 VERSION 1.1  
C AUTHOR: HUGH SUMMERS, UNIVERSITY OF STRATHCLYDE  
C FIRST RELEASE  
C  
C-----  
REAL*8 P (NSPLINE), X
```