

## ADAS Subroutine linfit

SUBROUTINE LINFIT(X,XSA,Y,YSA,ICT)

C

IMPLICIT REAL\*8 (A-H,O-Z)

C

C

C \*\*\*\*\* FORTRAN77 SUBROUTINE: LINFIT \*\*\*\*\*

C

C PURPOSE:

C SUBROUTINE TO PERFORM LINEAR INTERPOLATION

C

C

C INPUT

C X = REQUIRED X-VALUE

C XSA(I) = X-VALUES

C YSA(I) = Y-VALUES

C ICT = NUMBER OF VALUES

C OUTPUT

C Y = RETURNED Y-VALUE

C

C NOTES: THIS ROUTINE IS NOT YET PROPERLY ANNOTATED

C

C UNIX-IDL PORT:

C

C VERSION: 1.1

DATE: 06-03-96

C MODIFIED: TIM HAMMOND (TESSELLA SUPPORT SERVICES PLC)

C - PUT UNDER S.C.C.S. CONTROL

C

C

C

INTEGER

ICT

REAL\*8

X,

XSA(10),

Y,

YSA(10)