

ADAS Subroutine xxmadd

SUBROUTINE XXMADD(NR , NC , X , A , Y , B , C)

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C ***** FORTRAN77 SUBROUTINE: XXVADD *****

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C PURPOSE: ADDS TWO MATRICES WITH MULTIPLIER FOR EACH.

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C CALLING PROGRAM: GENERAL USE.

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C INPUT : (I*4) NR = NUMBER OF ROWS IN MATRICES 'A' AND 'B'.

C INPUT : (I*4) NC = NUMBER OF COLUMNS IN MATRICES 'A' AND 'B'.

C INPUT : (R*8) X = FIRST MULTIPLIER.

C INPUT : (R*8) A(,) = FIRST MATRIX.

C 1ST DIMENSION: NR

C 2ND DIMENSION: NC

C INPUT : (R*8) Y = SECOND MULTIPLIER.

C INPUT : (R*8) B(,) = SECOND MATRIX.

C 1ST DIMENSION: NR

C 2ND DIMENSION: NC

C

C OUTPUT: (R*8) C = OUTPUT MATIRX.

C 1ST DIMENSION: NR

C 2ND DIMENSION: NC

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C (I*4) I = LOOP INDEX.

C (I*4) J = LOOP INDEX.

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C ROUTINES: NONE

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C K1/0/81

C JET EXT. 5183

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C DATE: 10/11/93

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C UNIX-IDL PORT:

C

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C DATE: 22ND MAY 1996

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C VERSION: 1.1 DATE: 22-05-96

C MODIFIED: WILLIAM OSBORN

C - FIRST VERSION. IBM VERSION NOT CHANGED

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INTEGER

NC,

NR

REAL*8

A(NR,NC),

B(NR,NC),

C(NR,NC),

X

REAL*8

Y