

DIMENSION X(LX),B(LB),Y(LY)

LY = LX+LB-1

DO 10 I=1,LY

10 Y(I) = 0.

DO 20 I=1,LX

DO 20 J=1,LB

20 Y(I+J-1) = Y(I+J-1) + X(I)*B(J)