

ADAS Subroutine matinl

```
SUBROUTINE MATINL(A,N,B,M,DETERM)
  IMPLICIT REAL*8(A-H,O-Z)
```

```
C-----
C   PURPOSE: MATRIX INVERSION WITH ACCOMPANYING SOLUTION
C             OF LINEAR EQUATIONS
C
C   VERSION   : 1.1
C   DATE      : 18-03-1999
C   MODIFIED  : ???
C
C   VERSION   : 1.2
C   DATE      : 16-05-2007
C   MODIFIED  : Allan Whiteford
C             - Updated comments as part of subroutine documentation
C             procedure.
C-----
```

```
INTEGER          M,          N
REAL*8           A(160,160), B(160),      DETERM
```