File Name: GAUSS.8XP Type: Program Protected: No
Comment:Program file Ø5/22/13, 1Ø:29

```
FnOn
PlotsOff
ClrHome
Disp "***************"
Disp ""
Disp ""
Disp "     GAUSS"
Disp ""
Disp ""
Disp "***************"
Pause
ClrHome

Menu("DATA IN MTRX A","YES",1,"NO",2)

Lbl 1
Menu("DIM?","2X2",A,"3X3",B,"4X4",C)
Lbl B

If [A](1,1)≠Ø
Then
*row(1/([A](1,1)),[A],1)→[A]
*row+(⁻[A](2,1),[A],1,2)→[A]
*row+(⁻[A](3,1),[A],1,3)→[A]
End

If [A](2,2)≠Ø
Then
*row(1/([A](2,2)),[A],2)→[A]
*row+(⁻[A](3,2),[A],2,3)→[A]
*row+(⁻[A](1,2),[A],2,1)→[A]
End

If [A](3,3)≠Ø
Then
*row(1/([A](3,3)),[A],3)→[A]
*row+(⁻[A](2,3),[A],3,2)→[A]
*row+(⁻[A](1,3),[A],3,1)→[A]
End
Pause
ClrHome

Lbl A
If [A](1,1)≠Ø
Then
*row(1/[A](1,1),[A],1)→[A]
*row+(⁻[A](2,1),[A],1,2)→[A]
End

If [A](2,2)≠Ø
Then
*row(1/[A](2,2),[A],2)→[A]
*row+(⁻[A](1,2),[A],2,1)→[A]
End

Disp [A]
Pause
ClrHome
```

```
Stop

Lbl C

If [A](1,1)≠Ø
Then
*row(1/[A](1,1),[A],1)→[A]
*row+(⁻[A](2,1),[A],1,2)→[A]
*row+(⁻[A](3,1),[A],1,3)→[A]
*row+(⁻[A](4,1),[A],1,4)→[A]
End

If [A](2,2)≠Ø
Then
*row(1/[A](2,2),[A],2)→[A]
*row+(⁻[A](1,2),[A],2,1)→[A]
*row+(⁻[A](3,2),[A],2,3)→[A]
*row+(⁻[A](4,2),[A],2,4)→[A]
End

If [A](3,3)≠Ø
Then
*row(1/[A](3,3),[A],3)→[A]
*row+(⁻[A](1,3),[A],3,1)→[A]
*row+(⁻[A](2,3),[A],3,2)→[A]
*row+(⁻[A](4,3),[A],3,4)→[A]
End

If [A](4,4)≠Ø
Then
*row(1/[A](4,4),[A],4)→[A]
*row+(⁻[A](3,4),[A],4,3)→[A]
*row+(⁻[A](2,4),[A],4,2)→[A]
*row+(⁻[A](1,4),[A],4,1)→[A]
End
Disp [A]
Pause
ClrHome



Lbl 2
Stop
```