Subject: Simultaneous Equation Solution (Homogeneous system)
Posted by planets on Tue, 11 Nov 2003 13:39:10 GMT
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Thank you for previous answers. However, I don't know the exact solution or algorithm. I ask a problem which is very similar to my previous question. Please, let me know the code of IDL.

Equation > AX=B

```
A=[[1,2,3,9,5],$
  [7,4,5,6,7],$
  [5,8,2,5,9],$
  [6,3,3,5,6],$
  [9,7,2,1,7]] ; this is an example matrix.

B=[0,0,0,0,0] ; all components of matrix B are 0.
```

Method: Gauss elimination (If it is possible, you may insert or transform a column or a row in a column or a row of the matrix A or B)

X=? (X is not Zero!)