

---

Subject: Simultaneous Equation Solution (Homogeneous system)

Posted by [planets](#) on Tue, 11 Nov 2003 13:39:10 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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!)

---