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The 'solve' command is a predefined function in MATLAB. The code for solving the above equations using the 'solve' command is as shown. Open a new M-File and

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type the following code. % To solve the linear equations using the solve command

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$p = 'x + 2*y = 6'; q = 'x - y = 0'; [x,y] = solve(p,q)$  Subs Command

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To see this, repeat the above for a spacing of 0.01 instead of 0.05. 32.

INTRODUCTION TO MATLAB 33 Solving several equations simultaneously EDU»

eqn1='x^2+y^2=12' eqn1 = x^2+y^2=12 EDU» eqn2='x\*y=4' eqn2 = x\*y=4

In the above we have defined two equations which we will now solve for the two unknowns, x and y.

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### **Solving Dynamics Problems with Matlab: Harper, Brian ...**

To motivate the ideas we first consider the solution of a model equation of the form  $a(x,y)y_{xx} + b(x,y)y_{yy} + c(x,y)y_x + e(x,y)y_y + f(x,y)y = g(x,y)$ , say with Dirichlet boundary conditions in a rectangular domain. To obtain a numerical solution to this problem the first step is to choose an appropriate method and discretization.

### **Solving Fluid Dynamics Problems with Matlab**

Solving Fluid Dynamics Problems with Matlab. 18 Will-be-set-by-IN-TECH. 5.

Conclusions - The environment of MA TLAB is easy to work, the syntax is very simple and intuitive, it.

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Using Matlab to solve dynamics problem MATLAB; Thread starter spin360; Start date Apr 19, 2008; Apr 19, 2008 #1 spin360. 13 0. I've attached my problem set. I'm having an issue on how to write the formula to insert it into matlab. According to the problem set,  $dl/dt = 0.2\text{m/s}$ . I actually have the "solution" to the problem, though I don't ...

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