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command is as shown. Open a new M-File and type the following code. % To solve the linear equations using the solve command p = 'x + 2*y = 6'; q = 'x - y = 0'; [x,y] = solve(p,q) Subs Command

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Solving Fluid Dynamics Problems with Matlab 3. computations were performed in Fortran 95. The problem is described in detail in Boppana and Gajjar (2010a).

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The second problem concerns the onset of instability in the flow past a row of circular cylinders.

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1. Solving Dynamics Problems in MATLAB Brian D. Harper Mechanical

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simple dynamics problem and plug that solution into Matlab. We'll test the code with a few different inputs, and then switch over to plotting for a wide variety.

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Then ask MATLAB to plot the particle path by placing the three function names into the scatter3() function. Declare $r(t)$ as a three-component

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matrix composed of the three functions. The position is described by function $r(t)$, so finding the position at $t = 7$ sec. Simply requires evaluating $r(t)$ at this time.

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