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INTRODUCTION a glorified calculator allowing you to perform engineering calculations and plot data. However, MATLAB is more than an advanced scientific calculator, for example MATLAB ' s sophisticated numerical computation environment also allows us to analyze data, simulate engineering systems, document and share our code with others.

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A Brief Introduction to Engineering Computation with MATLAB

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NUMERICAL METHODS IN ENGINEERING WITH MATLAB

3 " The Use of Mathematical Software packages in Chemical Engineering " , Michael B. Cutlip, John J. Hwalek, Eric H. Nuttal, Mordechai Shacham, Workshop Material from Session 12, Chemical Engineering Summer School, Snowbird, Utah, Aug. , 1997. ML-2 MATLAB Problem 1 Solution A function of volume, $f(V)$, is defined by rearranging the equation and setting it to zero. $pV^3 - bV^2 - RTV^2 + aV \dots$

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