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Numerical methods is infamous among chemical engineers for lengthy problem solving. It is generally used to get information out of a given data, let it be research or a industry. But its major use is in Mathematical Modelling of chemical systems. If you are using tools like MATLAB, Numerical Methods is an important topic that you should master for efficient use of the software.

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Techniques through Connectivity Projects. Kristen K. Comfort* and Donald A. Comfort. Department of Chemical and Materials Engineering, University of Dayton, USA. Abstract. Development of strong numerical methods capabilities is required for chemical engineers.

Short Communication Engaging Chemical Engineering Students ...
Numerical Methods for Chemical Engineering: Applications in MATLAB by Kenneth J. Beers. Suitable for a first year graduate course, this textbook unites the applications of numerical mathematics and scientific computing to the practice of chemical engineering.

Numerical Methods for Chemical Engineering

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