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WebThese are the lecture notes for my upcoming Coursera course , Numerical Methods for Engineers (for release in January 2021). Before students take this course, they should have some basic knowledge of single-variable calculus, vector calculus, differential equations and matrix algebra. Students should also be familiar with at least one programming

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WebNumerical methods are rapidly moving into the mainstream of mathematics mainly because of its applications in diverse fields which include chemistry, electrical engineering, operation research. The wide scope of these and other applications has been well documented. Keywords: Numerical Methods, Engineering Applications. 1.Introduction

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