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Introduction to Numerical Methods

Indeed, the reason for the importance of the numerical methods that are the main subject of this chapter is precisely that most equations that arise in real" problems are quite intractable by analytical means, so the computer is the only hope.

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Numerical analysis - Wikipedia

the importance of the field of numerical analysis that such books and others [131] are so popular. However, such books intentionally diminish the role of advanced mathematics in the subject of numerical analysis. As a result, numerical analysis is frequently presented as an elementary subject. As a

Numerical Analysis - Department of Computer Science

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