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that creates, analyzes, and implements algorithms for obtaining numerical solutions to problems involving continuous variables. Such problems arise throughout the natural sciences, social sciences, engineering, medicine, and business.

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Applications of Numerical Methods in Engineering Objectives: B Motivate the study of numerical methods through discussion of engineering applications. B Illustrate the use of Matlab using simple numerical examples. University of Michigan Department of Mechanical Engineering January 10, 2005

Applications of Numerical Methods in Engineering CNS 3320

Application of Numerical Methods to Geotechnical Problems Proceedings of the Fourth European Conference on Numerical Methods in Geotechnical Engineering Numge98 udine, Italy October 14-16, 1998

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Numerical analysis - Wikipedia

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