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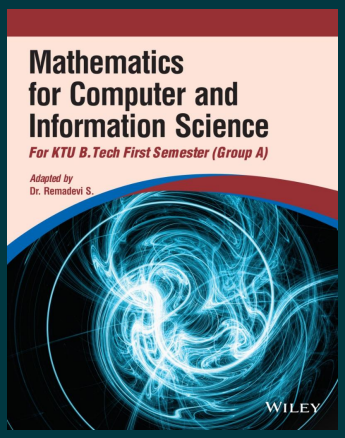

Mathematics for Computer and Information Science For KTU B. Tech Semester 1 (Group A)

By Erwin Kreyszig, Howard Anton, Dr. Remadevi S.

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Description

This book is a refined adaptation of the best-selling titles Advanced Engineering Mathematics by Erwin Kreyszig and Calculus: Early Transcendentals, 12th Edition by Howard Anton. Renowned for its expository style and clarity of presentation, this text offers an elementary exploration of the subject, addressing the evolving needs of today's students. Our aim is to elucidate the fundamentals of subject in the most comprehensible way, with pedagogy as our primary focus. It covers topics of:

- Continuity and Derivatives
- Functions of Several Variables and Partial Derivatives
- Directional Derivatives, Gradient and Local Extreme Values
- Constrained Maxima and Minima and Linear Programming

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