Mathematics for Physical Chemistry. Edition No. 4

Description: Mathematics for Physical Chemistry is the ideal supplementary text for practicing chemists and students who want to sharpen their mathematics skills while enrolled in general through physical chemistry courses. This book specifically emphasizes the use of mathematics in the context of physical chemistry, as opposed to being simply a mathematics text.

This 4e includes new exercises in each chapter that provide practice in a technique immediately after discussion or example and encourage self-study. The early chapters are constructed around a sequence of mathematical topics, with a gradual progression into more advanced material. A final chapter discusses mathematical topics needed in the analysis of experimental data.

- Numerous examples and problems interspersed throughout the presentations
- Each extensive chapter contains a preview and objectives
- Includes topics not found in similar books, such as a review of general algebra and an introduction to group theory
- Provides chemistry-specific instruction without the distraction of abstract concepts or theoretical issues in pure mathematics

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