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Bioengineering Fundamentals (2nd Edition)



Synopsis

For sophomore-level courses in Bioengineering, Biomedical Engineering, and related fields. A unifying, interdisciplinary approach to the fundamentals of bioengineering. Now in its 2nd Edition, Bioengineering Fundamentals combines engineering principles with technical rigor and a problem-solving focus, ultimately taking a unifying, interdisciplinary approach to the conservation laws that form the foundation of bioengineering: mass, energy, charge, and momentum. The text emphasizes fundamental concepts, practical skill development, and problem-solving strategies while incorporating a wide array of examples and case studies. This 2nd Edition has been updated and expanded with new and clarified content, plus new homework and example problems.

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