



Transport Phenomena in Biomedical Engineering: Artificial organ Design and Development, and Tissue Engineering (Mechanical Engineering)

By Kal Sharma

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Coverage includes:

- Fundamentals of fluid mechanics and principles of molecular diffusion
- Osmotic pressure, solvent permeability, and solute transport
- Rheology of blood and transport
- Gas transport
- Pharmacokinetics
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- 541 end-of-chapter exercises and review questions
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Transport Phenomena in Biomedical Engineering: Artificial organ Design and Development, and Tissue Engineering (Mechanical Engineering) By Kal Sharma Bibliography

- Sales Rank: #3981658 in Books
- Published on: 2010-05-05
- Original language: English
- Number of items: 1
- Dimensions: 9.30" h x 1.14" w x 6.40" l, 1.85 pounds
- Binding: Hardcover
- 512 pages



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Editorial Review

About the Author

Kal Renganathan Sharma, PE, teaches at Prairie View A & M University in Prairie View, Texas. He holds joint appointments as adjunct professor in three departments: Chemical Engineering; Civil and Environmental Engineering; and Mechanical Engineering. He has instructed more than 2000 students via 64 courses in the U.S. and India over the past 14 years.

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