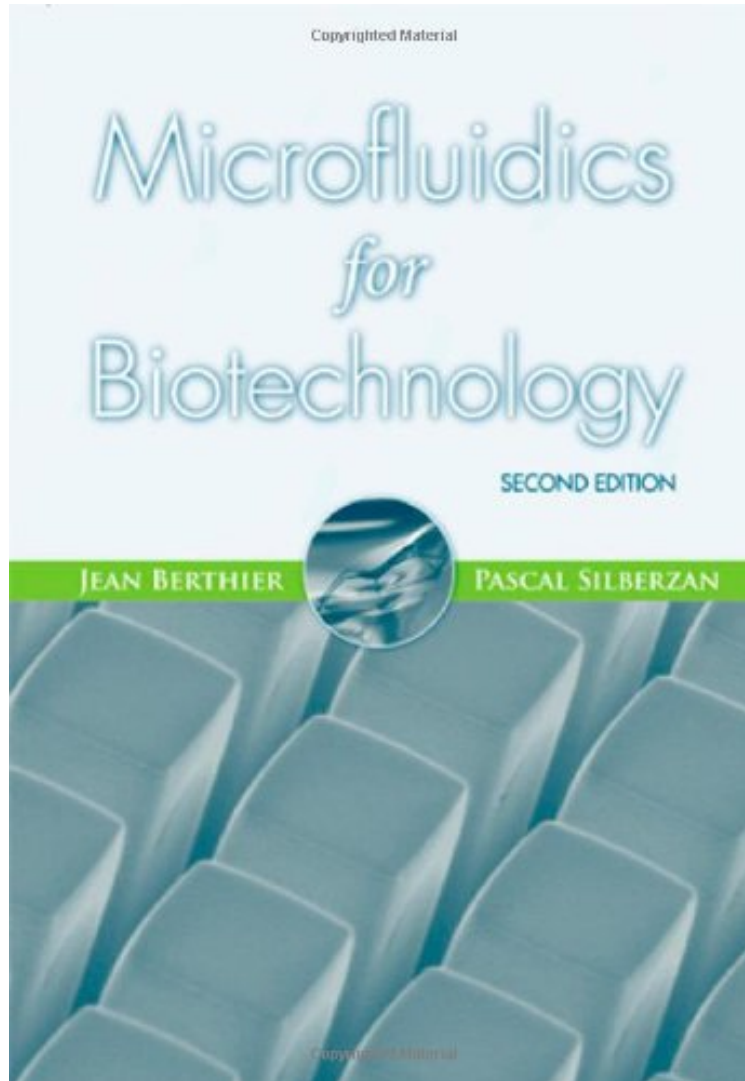


[Library ebook] Microfluidics for Biotechnology, Second Edition

Microfluidics for Biotechnology, Second Edition

Jean Berthier, Pascal Silberzan
ebooks | Download PDF | *ePub | DOC | audiobook



 Download

 Read Online

#3335810 in Books Artech House 2009-12-31 Original language: English PDF # 1 10.26 x 1.21 x 7.381, 2.26
#File Name: 1596934433483 pages | File size: 60.Mb

Jean Berthier, Pascal Silberzan : Microfluidics for Biotechnology, Second Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Microfluidics for Biotechnology, Second Edition:

1 of 2 people found the following review helpful. Science more than engineeringBy CustomerOf the three textbooks I bought for microfluidics, this was the one with the most science and the least engineering. There are extensive simulations of flow but relatively limited discussion of components, devices and applications. It is a good book for learning the principles underlying devices.1 of 2 people found the following review helpful. Perfect...quick shippedBy M. S. AREFINThe Book "Microfluidics for Biotechnology (Microelectromechanical Systems) " is very helpful to review the fundamental of MEMS with bio molecules. It was shipped very quickly... I recommend to buy this book if

you really need to review the topics of MEMS technology which is useful for bio molecules.Thanks.

The application of microfluidics to biotechnology is an exciting new area that has already begun to revolutionize how researchers study and manipulate macromolecules like DNA, proteins and cells in vitro and within living organisms. Now in a newly revised and expanded second edition, the Artech House bestseller, "Microfluidics for Biotechnology" brings professionals and students to the cutting edge of this burgeoning field. Featuring numerous updates and including three entirely new chapters, this book provides a detailed look at the mechanical behavior of the different types of micro/nano particles and macromolecules that are used in biotechnology. Engineers and laboratory researchers involved with the conception and design of bio-tech microdevices, as well as graduate and post-graduate students in related courses.

About the Author Jean Berthier is a scientist at CEA/LETI and teaches at the University of Grenoble. He holds a masters degree in mathematics from the University of Grenoble and both an engineers and masters degree in fluid mechanics from the Institut National Polytechnique. Pascal Silberzan is a senior scientist at the Physico-Chimie Curie Laboratory, a joint laboratory of the Centre National of the Recherche Scientifique and the Institut Curie in Paris. He received his Ph.D. from the College of France and the University Paris 6.