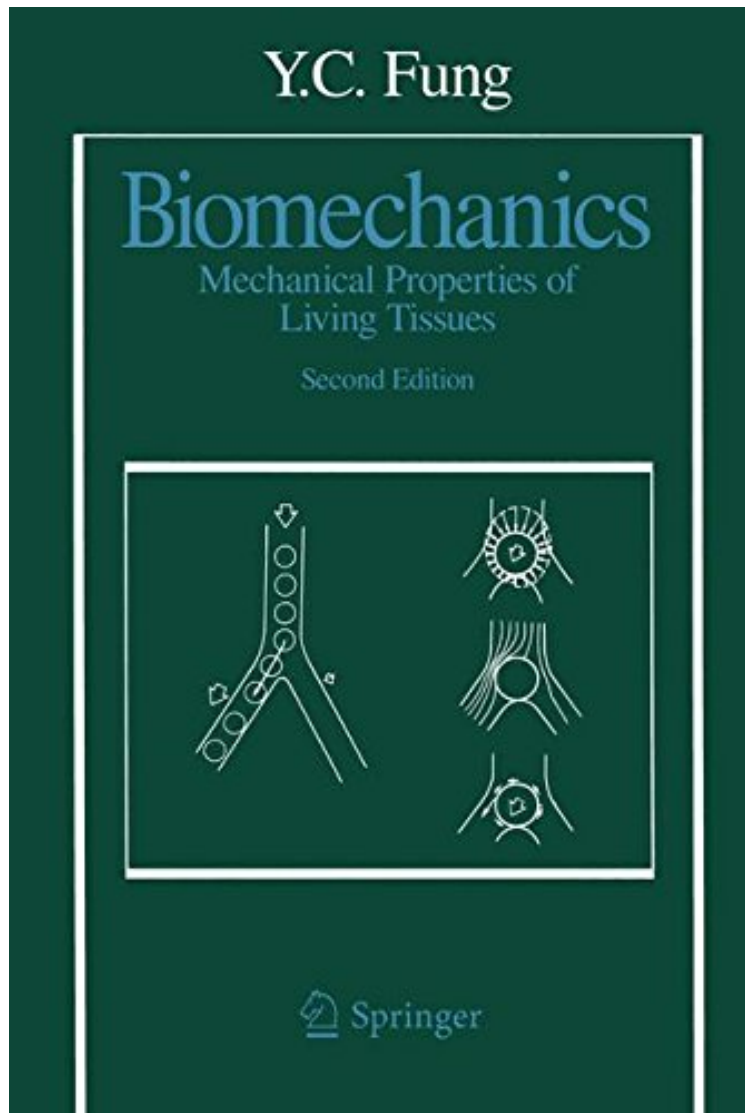


Biomechanics: Mechanical Properties of Living Tissues

Y. C. Fung

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Y. C. Fung : Biomechanics: Mechanical Properties of Living Tissues before purchasing it in order to gage whether or not it would be worth my time, and all praised Biomechanics: Mechanical Properties of Living Tissues:

The objective of this book remains the same as that stated in the first edition: to present a comprehensive perspective of biomechanics from the stand point of bioengineering, physiology, and medical science, and to develop mechanics through a sequence of problems and examples. My three-volume set of Bio mechanics has been completed. They are

entitled: Biomechanics: Mechanical Properties of Living Tissues; Biodynamics: Circulation; and Biomechanics: Motion, Flow, Stress, and Growth; and this is the first volume. The mechanics prerequisite for all three volumes remains at the level of my book *A First Course in Continuum Mechanics* (3rd edition, Prentice-Hall, Inc. , 1993). In the decade of the 1980s the field of Biomechanics expanded tremendously. New advances have been made in all fronts. Those that affect the basic understanding of the mechanical properties of living tissues are described in detail in this revision. The references are brought up to date.

"Fung has made substantial contributions as a researcher to the underlying material represented here. In the preface, the author indicates his hope that an instructor, using this book as a course textbook, will both teach 'an essential branch of this life science' and provide the student with a background in mechanics. To this end, he succeeds."
Quarterly of Biology