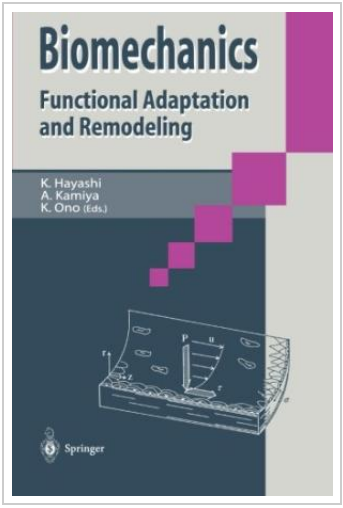

Biomechanics: Functional Adaption and Remodeling (Paperback)

By -

Springer Verlag, Japan, Japan, 2012. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Function dictates structure is a classic paradigm reaffirmed in Wolff s law of the skeletal system. A major question being addressed by current research in biomechanics is whether this doctrine also holds true for the cardiovascular system and connective tissues. Taking a multidisciplinary approach to this question has produced new insights into the sensors, signals, and activators that produce remodeling and functional adaptation in cardiac muscle, blood vessels, and bone, including important new findings on the response of vascular endothelial cells to shear stress. Other work focuses on the extent of remodeling and adaptation processes in tendons, ligaments, and intervertebral discs. Together with two companion volumes, Computational Biomechanics and the Data Book on Mechanical Properties of Living Cells, Tissues, and Organs, this monograph will prove invaluable to those working in fields ranging from medical science and clinical medicine to biomedical engineering and applied mechanics. Softcover reprint of the original 1st ed. 1996.

Reviews

Complete guide! Its such a good go through. It is rally fascinating throgh reading period of time. Its been written in an extremely basic way and is particularly only after i finished reading through this publication through which really changed me, change the way i really believe.

-- ***Mrs. Macy Stehr***

Comprehensive information! Its this sort of very good read through. This is certainly for all those who statte that there was not a worthy of studying. Your daily life period will likely be convert as soon as you total reading this publication.

-- ***Candace Kling***