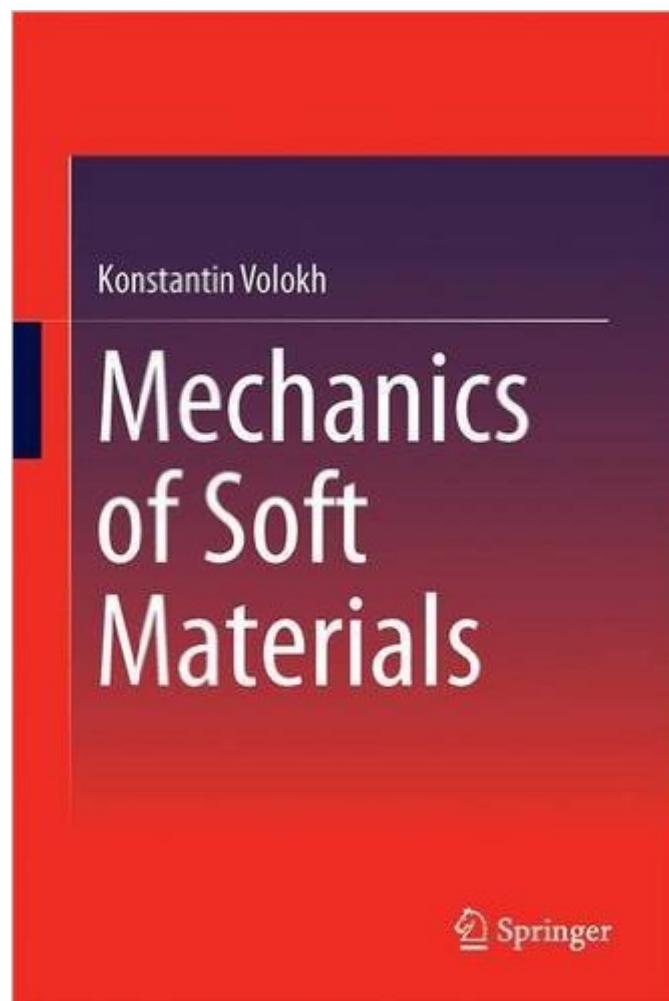


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Mechanics Of Soft Materials



Synopsis

This book provides a concise introduction to soft matter modelling. It offers an up-to-date review of continuum mechanical description of soft and biological materials from the basics to the latest scientific materials. It includes multi-physics descriptions, such as chemo-, thermo-, electro-mechanical coupling. It derives from a graduate course at Technion that has been established in recent years. It presents original explanations for some standard materials and features elaborated examples on all topics throughout the text. PowerPoint lecture notes can be provided to instructors.

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Book Information

Hardcover: 155 pages

Publisher: Springer; 1st ed. 2016 edition (June 18, 2016)

Language: English

ISBN-10: 9811015988

ISBN-13: 978-9811015984

Product Dimensions: 6.1 x 0.4 x 9.2 inches

Shipping Weight: 14.9 ounces (View shipping rates and policies)

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