



## Mechanics of Smart Boron Nitride Nanotubes

By Ali Ghorbanpour Arani

LAP Lambert Academic Publishing Mrz 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x10 mm. This item is printed on demand - Print on Demand Neuware - The present book introduces both theoretical and practical aspects of vibrations and stability of smart structures. Boron nitride nanotubes due to its unique properties including excellent mechanical, electrical, thermal conductivity and chemical properties and more resistance to oxidation than other conventional nano-materials have been widely attracted by researchers in different fields of chemistry, physics and engineering. In the past two decades, application of boron nitride nanotubes as smart material in science and technology has been constantly on the rise for example as nano-switches, transistors or other nano/micro-electro-mechanical systems (NEMS & MEMS). In this regards, we have investigated mechanical behavior of coupled and uncoupled systems containing flow fluid. We hope this book offers the insight into readers and to be of use in design and manufacturing of smart NEMS & MEMS devices in advanced medical applications such as drug delivery systems with great applications in biomechanics. 172 pp. Englisch.



**READ ONLINE**  
[ 6.43 MB ]

### Reviews

*This publication is indeed gripping and intriguing. It is actually written in basic terms and not difficult to understand. I am just pleased to explain how here is the greatest publication we have read through during my own lifestyle and could be the best pdf for at any time.*

-- **Ervin Crona**

*The most effective publication I at any time read. We have studied and I am sure that I will likely read yet again once again in the foreseeable future. You will not truly feel monotony at anytime of your time (that's what catalogs are for about in the event you request me).*

-- **Mr. Rafael Hoeger**

## You May Also Like

---



### **Aeschylus**

BiblioLife. Paperback. Book Condition: New. This item is printed on demand. Paperback. 260 pages. Dimensions: 8.0in. x 5.0in. x 0.6in. This Translation of Aeschylus, an entirely new one, is designed as an Appendix to my edition of that Poet in the Bibliotheca...

---



### **Programming in D**

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...

---



### **Yearbook Volume 15**

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without...

---



### **Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire**

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 9.0in. x 6.0in. x 0.1in. Still finding it getting your way around your Kindle Fire Wish you had the answers to all your frequently asked...

---



### **By the Fire Volume 1**

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 130 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. By the Fire is an exciting new Bi-Monthly publication featuring new works by Stewart Felkel. Inside these pages you will...

---



### **Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452**

2011. Softcover. Book Condition: New. 6th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...