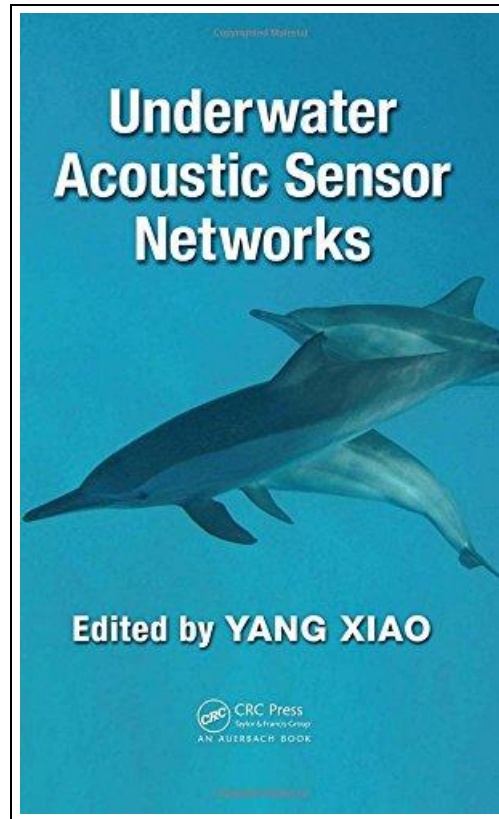


## Underwater Acoustic Sensor Networks (Hardback)



Filesize: 4.91 MB

### **Reviews**

*Most of these ebook is the perfect publication offered. Sure, it really is play, still an interesting and amazing literature. You wont truly feel monotony at whenever you want of your time (that's what catalogs are for about in the event you check with me).*  
*(Roosevelt Rohan)*

## UNDERWATER ACOUSTIC SENSOR NETWORKS (HARDBACK)



Taylor Francis Ltd, United Kingdom, 2010. Hardback. Condition: New. Language: English . Brand New Book. A detailed review of underwater channel characteristics, Underwater Acoustic Sensor Networks investigates the fundamental aspects of underwater communication. Prominent researchers from around the world consider contemporary challenges in the development of underwater acoustic sensor networks (UW-ASNs) and introduce a cross-layer approach for effective integration of all communication functionalities. Discussing architectures for two- and three-dimensional sensor networks, this authoritative resource clearly delineates the main differences between terrestrial and underwater sensor networks-covering the wide range of topics related to UW-ASNs. It examines efficient distributed routing algorithms for delay-insensitive and delay-sensitive applications and introduces a realistic acoustic model characterized by channel utilization efficiency that enables proper setting of the optimal packet size for underwater communication. It also: \* Provides efficient sensor communication protocols for the underwater environment \* Addresses the topology control problem for sparse and dense 3D networks \* Presents a novel distributed MAC protocol that incorporates a unique closed-loop distributed algorithm for setting the optimal transmit power and code length The book includes coverage of routing, fault tolerance, time synchronization, optimal clustering, medium access control, software, hardware, and channel modeling. Exploring the need to design an energy-efficient cross-layer protocol suite, this resource provides the understanding required to achieve high-performance channel access, routing, event transport reliability, and data flow control with underwater acoustic sensors.



[Read Underwater Acoustic Sensor Networks \(Hardback\) Online](#)



[Download PDF Underwater Acoustic Sensor Networks \(Hardback\)](#)

## Related eBooks

---



### **You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most**

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the...

[Save eBook](#)

»

---



### **Oxford Very First Dictionary**

Oxford University Press, United Kingdom, 2012. Paperback. Book Condition: New. Georgie Birkett (illustrator). 234 x 182 mm. Language: English . Brand New Book. A fully illustrated alphabetical first dictionary for 4-5 year-olds. A fresh new...

[Save eBook](#)

»

---



### **Instrumentation and Control Systems**

Elsevier Science & Technology. Paperback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Instrumentation and Control Systems, William Bolton, In a clear and readable style, Bill Bolton addresses the basic principles of modern instrumentation and...

[Save eBook](#)

»

---



### **The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)**

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to...

[Save eBook](#)

»

---



### **Skills for Preschool Teachers, Enhanced Pearson eText - Access Card**

Pearson Education (US), United States, 2016. Online resource. Book Condition: New. 10th edition. 279 x 216 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing...

[Save eBook](#)

»