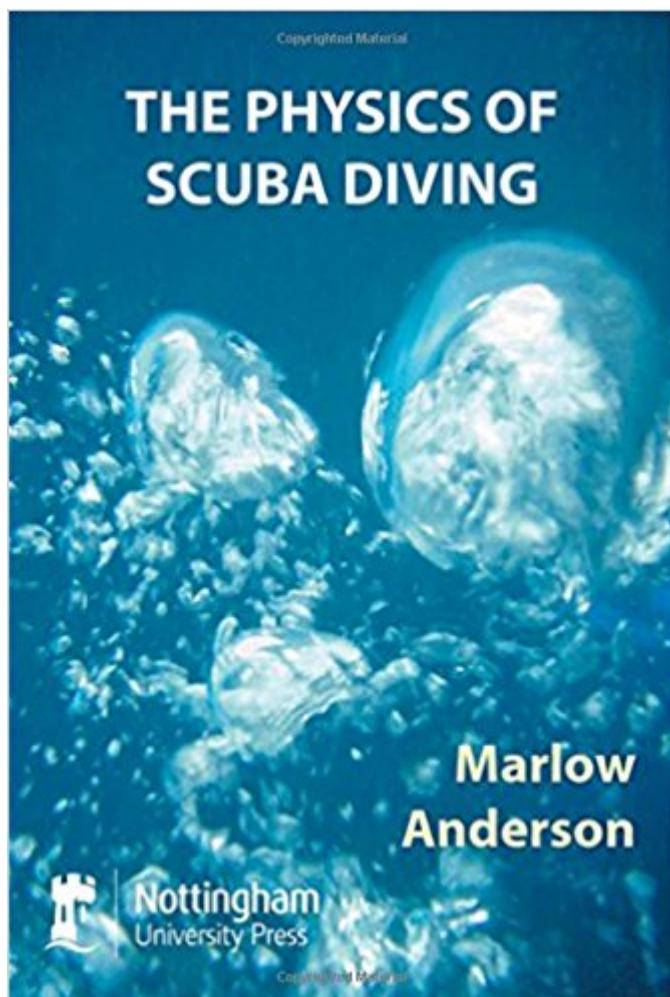


The book was found

The Physics Of Scuba Diving



Synopsis

This book provides a fun introduction to the mathematics and physics needed to really understand scuba diving; it was written by an enthusiastic scuba diver, who is also a mathematician. The book is written for the lay person, and assumes only a willingness to express basic scientific relationships using mathematical equations. The book describes all of the basics regarding pressure, depth and density, covered more completely than in the typical open water diving course. But in addition, it looks at the mathematical background for dive tables and dive computers, tools divers use to avoid getting decompression sickness. The book explains the basic Haldane theory of nitrogen on-gassing and off-gassing, in more depth than is found in the popular literature. The book would appeal to divers interested in a bit more background that is available in the popular literature, and to people interested in how basic science and mathematics has a large impact on the sport of scuba diving. The book has been used as a textbook for a popular introduction to mathematical thinking.

Book Information

Paperback: 210 pages

Publisher: Nottingham University Press (May 1, 2011)

Language: English

ISBN-10: 1907284788

ISBN-13: 978-1907284786

Product Dimensions: 5.8 x 0.5 x 8.2 inches

Shipping Weight: 12 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #489,623 in Books (See Top 100 in Books) #125 in Books > Sports & Outdoors > Outdoor Recreation > Scuba #1223 in Books > Sports & Outdoors > Water Sports #1621 in Books > Textbooks > Science & Mathematics > Physics

Customer Reviews

Marlow Anderson is a professor of mathematics at Colorado College and an assistant diving instructor. He is the coauthor of *Sherlock Holmes in Babylon and Other Tales of Mathematical History* and *Who Gave You the Epsilon?* He lives in Manitou Springs, Colorado.

Professor Anderson taught a popular elective course at prestigious Colorado College called the Mathematics of Scuba Diving. Eventually he converted his lecture notes to this textbook. No calculus required. A fun but serious read for those who enjoy either math or scuba. Full disclosure - I

critiqued a late draft of the manuscript.

This book provides what Agencies' books generally skip. That's the Maths and Physics behind the technique. I really appreciate such formulation. The whole subject matter is enriched with interesting exercises.

[Download to continue reading...](#)

Diving Deep: A Beginners Guide to Deep Sea Diving: (Scuba, Snorkelling, Diving, Scuba Diver, Deep Sea Diving, Swimming, Scuba Diving) Scuba Diving! Learn About Scuba Diving And Learn To Read - The Learning Club! (45+ Photos of Scuba Diving) SCUBA DIVING: Beginners Crash Course To Scuba Diving and Underwater Adventures Scuba Diving Hand Signals: Pocket Companion for Recreational Scuba Divers - Black & White Edition The Essentials of Cave Diving: The latest techniques, equipment and practices for scuba diving in caves and caverns using open circuit, side mount and rebreathers. The Physics of Scuba Diving Scuba Fundamental: Start Diving the Right Way The Complete Diver: The History, Science and Practice of Scuba Diving Staying Alive:: Applying Risk Management to Advanced Scuba Diving Scuba Diving and Snorkeling For Dummies The New Science of Skin and Scuba Diving Scuba Diving Safety Lost Wife, Saw Barracuda: True Stories from a Sharm El Sheikh Scuba Diving Instructor Hunting Fossil Shark Teeth In Venice, Florida: The Complete Guide: On The Beach, SCUBA Diving, and Inland Dive: Your Guide to Snorkeling, Scuba, Night-diving, Freediving, Exploring Shipwrecks, Caves, and More (National Geographic Extreme Sports) Scuba Diving Diving & Snorkeling Turks & Caicos (Lonely Planet Diving & Snorkeling Turks & Caicos) Diving & Snorkeling Guide to Palau and Yap 2016 (Diving & Snorkeling Guides) (Volume 2) Diving & Snorkeling Guide to Palau and Yap 2016 (Diving & Snorkeling Guides) Diving & Snorkeling Guide to Truk Lagoon and Pohnpei & Kosrae 2016 (Diving & Snorkeling Guides)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)