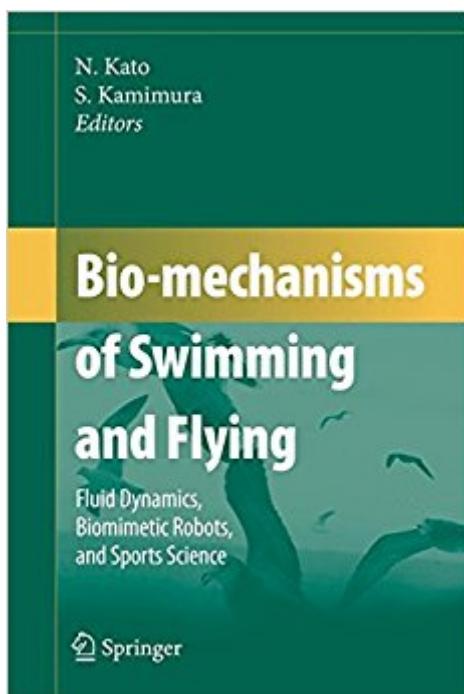


The book was found

# Bio-mechanisms Of Swimming And Flying: Fluid Dynamics, Biomimetic Robots, And Sports Science



## Synopsis

This book covers a wide range of animals from flagellated microorganisms to marine mammals. It follows "Bio-mechanisms of Animals in Swimming and Flying" published in 2004 including 11 chapters. This time, the book includes 31 chapters on the latest researches into natural autonomous systems and locomotion in both flying and swimming organisms. The area of sports science such as analysis and simulation of human swimming is newly added. The computational frameworks for the modeling, simulation and optimization of animals in swimming and flying demonstrate an important role in the progress of interdisciplinary work in the fields of biology and engineering.

## Book Information

Hardcover: 403 pages

Publisher: Springer; 2008 edition (November 19, 2007)

Language: English

ISBN-10: 4431733795

ISBN-13: 978-4431733799

Product Dimensions: 6.1 x 0.8 x 9.3 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

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## Customer Reviews

Very interesting collection of papers although isolated to one small group of scientists. A lot of this could be tracked down through the literature.

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