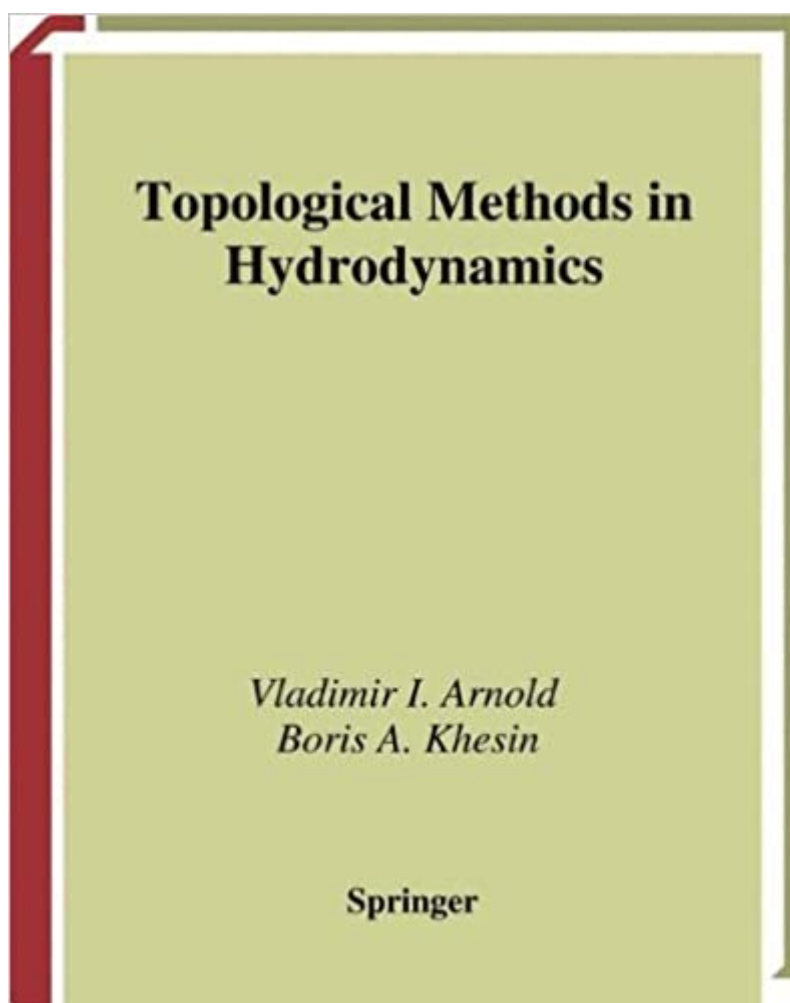


The book was found

# Topological Methods In Hydrodynamics (Applied Mathematical Sciences)



## Synopsis

The first monograph to treat topological, group-theoretic, and geometric problems of ideal hydrodynamics and magnetohydrodynamics from a unified point of view. It describes the necessary preliminary notions both in hydrodynamics and pure mathematics with numerous examples and figures. The book is accessible to graduates as well as pure and applied mathematicians working in hydrodynamics, Lie groups, dynamical systems, and differential geometry.

## Book Information

Series: Applied Mathematical Sciences (Book 125)

Hardcover: 376 pages

Publisher: Springer (August 5, 1999)

Language: English

ISBN-10: 038794947X

ISBN-13: 978-0387949475

Product Dimensions: 6.1 x 0.9 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #778,126 in Books (See Top 100 in Books) #172 in [Books > Science & Math > Mathematics > Geometry & Topology > Topology](#) #220 in [Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics](#) #243 in [Books > Textbooks > Computer Science > Artificial Intelligence](#)

## Customer Reviews

"The book sums up long-term research by both of its authors... the first monograph on topological hydrodynamics." -- MATHEMATICAL REVIEWS

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

Topological Methods in Hydrodynamics (Applied Mathematical Sciences) Topological Insulators and Topological Superconductors Applied Functional Analysis: Applications to Mathematical Physics (Applied Mathematical Sciences) (v. 108) Mathematical Problems from Combustion Theory (Applied Mathematical Sciences) (v. 83) Applied Functional Analysis: Main Principles and Their Applications (Applied Mathematical Sciences) Applied Hydrodynamics in Petroleum Exploration Topological Vector Spaces, Second Edition (Chapman & Hall/CRC Pure and Applied Mathematics) Modern Methods in Topological Vector Spaces (Dover Books on Mathematics) Simple Mathematical Models

of Gene Regulatory Dynamics (Lecture Notes on Mathematical Modelling in the Life Sciences)  
Shapes and Diffeomorphisms (Applied Mathematical Sciences, Vol. 171) Inverse Acoustic and  
Electromagnetic Scattering Theory (Applied Mathematical Sciences) Computational Homology  
(Applied Mathematical Sciences) Principles of Mathematical Analysis (International Series in Pure  
and Applied Mathematics) (International Series in Pure & Applied Mathematics) Variational Methods  
in Image Processing (Chapman & Hall/CRC Mathematical and Computational Imaging Sciences  
Series) Mathematical Methods in the Physical Sciences Mathematical Methods in the Physical  
Sciences, 3rd Edition The Mathematical Theory of Finite Element Methods (Texts in Applied  
Mathematics) Marine Hydrodynamics (MIT Press) Handbook of Marine Craft Hydrodynamics and  
Motion Control Practical Ship Hydrodynamics, Second Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)