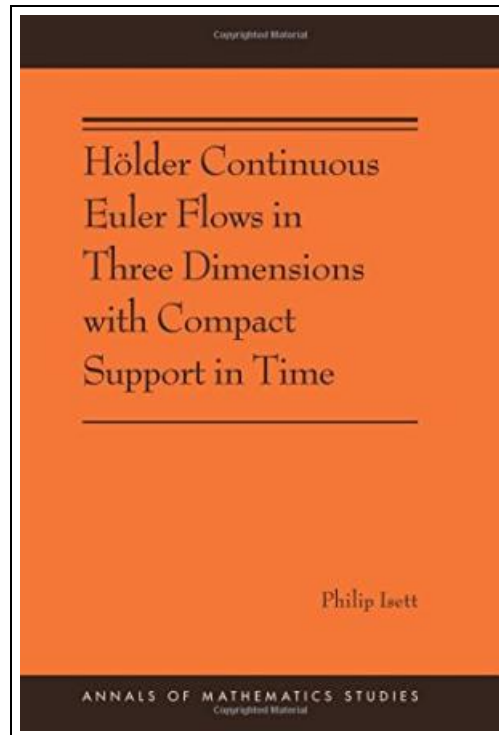


Hoelder Continuous Euler Flows in Three Dimensions with Compact Support in Time (Paperback)



Filesize: 6.31 MB

Reviews

This is the best book i have read until now. It can be filled with knowledge and wisdom Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Nadia Konopelski)

HOELDER CONTINUOUS EULER FLOWS IN THREE DIMENSIONS WITH COMPACT SUPPORT IN TIME (PAPERBACK)



To read **Hoelder Continuous Euler Flows in Three Dimensions with Compact Support in Time (Paperback)** eBook, remember to access the button under and save the ebook or get access to additional information that are related to HOELDER CONTINUOUS EULER FLOWS IN THREE DIMENSIONS WITH COMPACT SUPPORT IN TIME (PAPERBACK) book.

Princeton University Press, United States, 2017. Paperback. Condition: New. Language: English . Brand New Book. Motivated by the theory of turbulence in fluids, the physicist and chemist Lars Onsager conjectured in 1949 that weak solutions to the incompressible Euler equations might fail to conserve energy if their spatial regularity was below $1/3$ -Holder. In this book, Philip Isett uses the method of convex integration to achieve the best-known results regarding nonuniqueness of solutions and Onsager's conjecture. Focusing on the intuition behind the method, the ideas introduced now play a pivotal role in the ongoing study of weak solutions to fluid dynamics equations. The construction itself--an intricate algorithm with hidden symmetries--mixes together transport equations, algebra, the method of nonstationary phase, underdetermined partial differential equations (PDEs), and specially designed high-frequency waves built using nonlinear phase functions. The powerful Main Lemma --used here to construct nonzero solutions with compact support in time and to prove nonuniqueness of solutions to the initial value problem--has been extended to a broad range of applications that are surveyed in the appendix. Appropriate for students and researchers studying nonlinear PDEs, this book aims to be as robust as possible and pinpoints the main difficulties that presently stand in the way of a full solution to Onsager's conjecture.



[Read Hoelder Continuous Euler Flows in Three Dimensions with Compact Support in Time \(Paperback\) Online](#)
[Download PDF Hoelder Continuous Euler Flows in Three Dimensions with Compact Support in Time \(Paperback\)](#)

You May Also Like



[PDF] Funny Poem Book For Kids - Cat Dog Humor Books Unicorn Humor Just Really Big Jerks Series - 3 in 1 Compilation Of Volume 1 2 3

Click the link under to download and read "Funny Poem Book For Kids - Cat Dog Humor Books Unicorn Humor Just Really Big Jerks Series - 3 in 1 Compilation Of Volume 1 2 3" document.

[Save eBook »](#)



[PDF] Book Finds: How to Find, Buy, and Sell Used and Rare Books (Revised)

Click the link under to download and read "Book Finds: How to Find, Buy, and Sell Used and Rare Books (Revised)" document.

[Save eBook »](#)



[PDF] Alfred s Kid s Guitar Course 1: The Easiest Guitar Method Ever!, Book, DVD Online Audio, Video Software

Click the link under to download and read "Alfred s Kid s Guitar Course 1: The Easiest Guitar Method Ever!, Book, DVD Online Audio, Video Software" document.

[Save eBook »](#)



[PDF] Alfred s Kid s Piano Course Complete: The Easiest Piano Method Ever!, Book, DVD Online Audio Video

Click the link under to download and read "Alfred s Kid s Piano Course Complete: The Easiest Piano Method Ever!, Book, DVD Online Audio Video" document.

[Save eBook »](#)



[PDF] Big Book of Spanish Words

Click the link under to download and read "Big Book of Spanish Words" document.

[Save eBook »](#)



[PDF] Big Book of German Words

Click the link under to download and read "Big Book of German Words" document.

[Save eBook »](#)