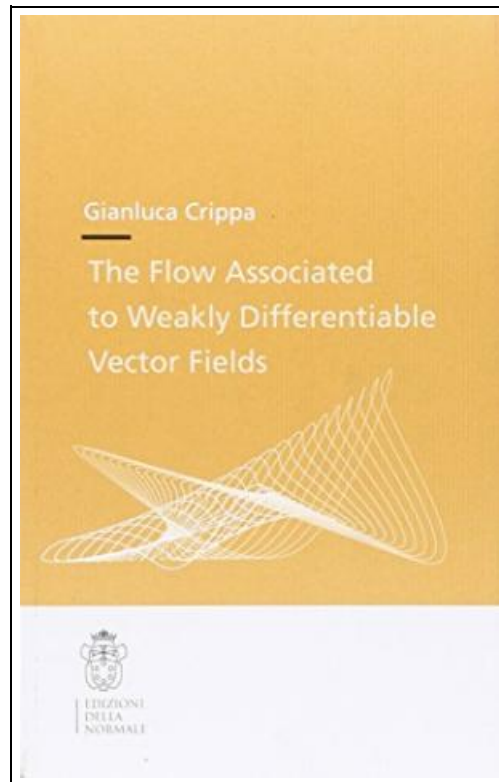


The Flow Associated to Weakly Differentiable Vector Fields



Filesize: 3.42 MB

Reviews

If you need to adding benefit, a must buy book. It really is writter in straightforward words and phrases rather than difficult to understand. Your life period is going to be change the instant you total reading this ebook.
(Letha Okuneva)

THE FLOW ASSOCIATED TO WEAKLY DIFFERENTIABLE VECTOR FIELDS



Birkhauser Verlag AG. Paperback. Book Condition: new. BRAND NEW, The Flow Associated to Weakly Differentiable Vector Fields, Gianluca Crippa, The aim of this book is to provide a self-contained introduction and an up-to-date survey on many aspects of the theory of transport equations and ordinary differential equations with non-smooth velocity fields. The interest in this topic is motivated by important issues in nonlinear PDEs, in particular conservation laws and fluid mechanics. A fascinating feature of this research area, which is currently of concern in mathematics, is the interplay between PDE techniques and geometric measure theory techniques. Several masterpieces appear in the related literature, balancing completely rigorous proofs with more heuristic arguments. A consistent part of the book is based on results obtained by the author in collaboration with other mathematicians. After a short introduction to the classical smooth theory, the book is divided into two parts. The first part focuses on the PDE aspect of the problem, presenting some general tools of this analysis, many well-posedness results, an abstract characterization of the well-posedness, and some examples showing the sharpness of the assumptions made. The second part, instead, deals with the ODE aspect of the problem, respectively by an abstract connection with the PDE, and by some direct and simple (but powerful) a priori estimates.



[Read The Flow Associated to Weakly Differentiable Vector Fields Online](#)



[Download PDF The Flow Associated to Weakly Differentiable Vector Fields](#)

Relevant Kindle Books



Magnificat in D Major, Bwv 243 Study Score Latin Edition

Petrucchi Library Press. Paperback. Book Condition: New. Paperback. 70 pages. Dimensions: 9.8in. x 7.2in. x 0.3in. Bach composed the first version of this piece in 1723 using the key of E-flat major for the Christmas Vespers...

[Read PDF »](#)



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...

[Read PDF »](#)



Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 146 Publisher: Higher Education Pub. Date :2009-07-01 version 2. This book is...

[Read PDF »](#)



US Genuine Specials] touch education(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2012-05 Pages: 212 Publisher: Jilin Publishing Group LLC. the new reincarnation...

[Read PDF »](#)



The L Digital Library of genuine books(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2002 Publisher: the BUPT title: Digital Library Original Price: 10 yuan...

[Read PDF »](#)