1.	Record Nr.	UNINA9910783219803321
	Titolo	Frontiers in mathematical analysis and numerical methods [[electronic] : in memory of Jacques-Louis Lions / / edited by Li_Tatsien
	Pubbl/distr/stampa	River Edge, N.J., : World Scientific, 2004
	ISBN	1-281-87224-5 9786611872243 981-256-226-5
	Descrizione fisica	1 online resource (306 p.)
	Altri autori (Persone)	LionsJL <1928-2001.> (Jacques-Louis) LiDaqian
	Disciplina	515
	Soggetti	Mathematical analysis Numerical analysis
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Frontiers in Mathematical Analysis and Numerical Methods: In Memory of Jacques-Louis Lion; Preface; Contents; Jacques-Louis LIONS, 1928- 2001; Always Remembered; Stable and Unstable Ideal Plane Flows; Regularity Theory for Systems of Partial Differential Equations with Neumann Boundary Conditions; Sensitivity of Darcy's Law to Discontinuities; Reiterated Homogenization of Degenerate Nonlinear Elliptic Equations; On the Connection in Finsler Space; Operator- Splitting Methods for the Simulation of Bingham Visco-Plastic Flow On the Uniqueness of the Weak Solutions of a Quasilinear Hyperbolic System with a Singular Source TermOn the Classification of Initial Data for Nonlinear Wave Equations; Regularity Results for Linear Elliptic Problems Related to the Primitive Equations; Local Exact Boundary Controllability for a Class of Quasilinear Hyperbolic Systems; On Nonlinear Differential Galois Theory; Iterative Algorithms for Data Assimilation Problems; Quadrilateral Mesh; On the Hyperbolic Obstacle Problem of First Order; Instability of Traveling Waves of the Kuramoto- Sivashinsky Equation Complexity of Large Time Behaviour of Evolution Equations with Bounded Data

Sommario/riassunto	This invaluable volume is a collection of articles in memory of Jacques- Louis Lions, a leading mathematician and the founder of theContemporary French Applied Mathematics School. The contributions havebeen written by his friends, colleagues and students, including CBardos, A Bensoussan, S S Chern, P G Ciarlet, R Glowinski, Gu Chaohao, B Malgrange, G Marchuk, O Pironneau, W Strauss, R Temam, etc.
--------------------	---