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Titolo	Small divisor problem in the theory of three-dimensional water gravity waves / / Gerard Iooss, Pavel I. Plotnikov
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Descrizione fisica	1 online resource (144 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 200, Number 940
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Soggetti	Water waves Gravity waves Multiphase flow - Mathematical models Pseudodifferential operators Boundary value problems Bifurcation theory Small divisors Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	"Volume 200, Number 940 (fifth of 6 numbers)."
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Nota di contenuto	""3.3. Main orders of the diffeomorphism and coefficient v""""Chapter 4. Small Divisors. Estimate of L^{α} ? Resolvent"""; ""4.1. Proof of Theorem 4.10"""; ""Chapter 5. Descent Method-Inversion of the Linearized Operator"""; ""5.1. Descent method"""; ""5.2. Proof of Theorem 5.1"""; ""5.3. Verification of assumptions of Theorem 5.1"""; ""5.4. Inversion of $L""$; ""Chapter 6. Nonlinear Problem. Proof of Theorem 1.3"""; ""Appendix A. Analytical study of $G[\sub(n)]$ """; ""A.1. Computation of the differential of $G[\sub(n)]$ """; ""A.2. Second order Taylor expansion of $G[\sub(n)]$ in $n = 0$ """ ""Appendix B. Formal computation of 3-dimensional waves""""B.1. Formal Fredholm alternative"""; ""B.2. Bifurcation equation"""; ""Appendix C. Proof of Lemma 3.6"""; ""Appendix D. Proofs of Lemmas 3.7 and 3.8"""; ""Appendix E. Distribution of Numbers $\{I?[\sub(0)]n[\sup(2)]\}$ """; ""Appendix F. Pseudodifferential Operators"""; ""Appendix G. Dirichlet-

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Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14671
Altri autori (Persone)	KaminskiBogumi KaszynskiDaniel Kraiskiukasz PraatPawe ThebergeFrancois WrzosekMagorzata
Disciplina	004.0151
Soggetti	Computer science Data structures (Computer science) Information theory Application software Computer science - Mathematics Discrete mathematics Theory of Computation Data Structures and Information Theory Computer and Information Systems Applications Discrete Mathematics in Computer Science
Lingua di pubblicazione	Inglese
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Nota di contenuto	-- Subgraph Counts in Random Clustering Graphs -- Self similarity of Communities of the ABCD Model -- A simple model of influence Details

and variants of dynamics -- Impact of Market Design and Trading Network Structure on Market Efficiency -- Network Embedding Exploration Tool (NEExT) -- Efficient Computation of k Edge Connected Components: An Empirical Analysis -- The directed Age dependent Random Connection Model with arc reciprocity -- How to cool a graph -- Distributed averaging for accuracy prediction in networked systems -- Towards Graph Clustering for Distributed Computing Environments -- Hypergraph Repository A Community driven and Interactive Hypernetwork Data Collection -- Clique Counts for Network Similarity.

Sommario/riassunto

This book constitutes the refereed proceedings of the 19th International Workshop on Modelling and Mining Networks, WAW 2024, held in Warsaw, Poland, during June 3–6, 2024. The 12 full papers presented in this book were carefully reviewed and selected from 19 submissions. The aim of this workshop was to further the understanding of networks that arise in theoretical as well as applied domains. The goal was also to stimulate the development of high-performance and scalable algorithms that exploit these networks. .
