1. Record Nr. UNINA9910466910303321

Autore	Choffat Jean-Marie
Titolo	Les brodequins du soleil : recit / / Jean-Marie Choffat
Pubbl/distr/stampa	Plombieres-les-Bains : , : Editions Ex aequo, , 2018
ISBN	2-37873-033-0
Descrizione fisica	1 online resource (162 pages)
Collana	Collection Grands espaces
Disciplina	796.522
Soggetti	Mountaineering Electronic books.
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910133225603321

Titolo	2013 IEEE Topical Conference on Biomedical Wireless Technologies, Networks, and Sensing System : 20-23 January 2013, Austin, Texas, USA / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Piscataway, New Jersey : , : Institute of Electrical and Electronics Engineers, , 2013
ISBN	1-4673-2958-4
Descrizione fisica	1 online resource (68 pages)
Disciplina	621.384
Soggetti	Wireless communication systems Power amplifiers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910300106603321

Autore	Berti Massimiliano
Titolo	Almost Global Solutions of Capillary-Gravity Water Waves Equations on the Circle / / by Massimiliano Berti, Jean-Marc Delort
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-99486-7
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (276 pages)
Collana	Lecture Notes of the Unione Matematica Italiana, , 1862-9113 ; ; 24
Disciplina	515.3534
Soggetti	Partial differential equations Fourier analysis Dynamics Ergodic theory Functional analysis Partial Differential Equations Fourier Analysis Dynamical Systems and Ergodic Theory Functional Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The goal of this monograph is to prove that any solution of the Cauchy problem for the capillary-gravity water waves equations, in one space dimension, with periodic, even in space, small and smooth enough initial data, is almost globally defined in time on Sobolev spaces, provided the gravity-capillarity parameters are taken outside an exceptional subset of zero measure. In contrast to the many results known for these equations on the real line, with decaying Cauchy data, one cannot make use of dispersive properties of the linear flow. Instead, a normal forms-based procedure is used, eliminating those contributions to the Sobolev energy that are of lower degree of homogeneity in the solution. Since the water waves equations form a quasi-linear system, the usual normal forms approaches would face the

well-known problem of losses of derivatives in the unbounded transformations. To overcome this, after a paralinearization of the capillary-gravity water waves equations, we perform several paradifferential reductions to obtain a diagonal system with constant coefficient symbols, up to smoothing remainders. Then we start with a normal form procedure where the small divisors are compensated by the previous paradifferential regularization. The reversible structure of the water waves equations, and the fact that we seek solutions even in space, guarantees a key cancellation which prevents the growth of the Sobolev norms of the solutions.