

1. Record Nr.	UNINA9910784289603321
Autore	Schlenk Felix <1970->
Titolo	Embedding problems in symplectic geometry [[electronic resource] /] / by Felix Schlenk
Pubbl/distr/stampa	Berlin ; ; New York, : Walter de Gruyter, c2005
ISBN	1-282-19481-X 9786612194818 3-11-915917-4 3-11-019969-6
Descrizione fisica	1 online resource (260 p.)
Collana	De Gruyter expositions in mathematics ; ; 40
Disciplina	516.3/6
Soggetti	Symplectic geometry Embeddings (Mathematics)
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 (p. 241-246) and index.
Nota di contenuto	Front matter -- Contents -- Introduction -- Proof of Theorem 1 -- Proof of Theorem 2 -- Multiple symplectic folding in four dimensions -- Symplectic folding in higher dimensions -- Proof of Theorem 3 -- Symplectic wrapping -- Proof of Theorem 4 -- Packing symplectic manifolds by hand -- Appendix -- Backmatter
Sommario/riassunto	Symplectic geometry is the geometry underlying Hamiltonian dynamics, and symplectic mappings arise as time-1-maps of Hamiltonian flows. The spectacular rigidity phenomena for symplectic mappings discovered in the last two decades show that certain things cannot be done by a symplectic mapping. For instance, Gromov's famous ""non-squeezing"" theorem states that one cannot map a ball into a thinner cylinder by a symplectic embedding. The aim of this book is to show that certain other things can be done by symplectic mappings. This is achieved by various elementary and explicit symplectic embedding.

2. Record Nr.	UNINA990008962090403321
Titolo	Felix Ravenna
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