1.	Record Nr.	UNINA9910828592003321
	Autore	Grimaldi Ralph P
	Titolo	Fibonacci and Catalan numbers : an introduction / / Ralph P. Grimaldi
	Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2012
	ISBN	9786613401151
		9781283401159
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		9781118159767
		1118159764
		9781118159743
		1118159748
		9781118159774
		1118159772
	Edizione	[1st edition]
	Descrizione fisica	1 online resource (382 p.)
	Classificazione	MAT036000
	Disciplina	512.7/2
	Soggetti	Fibonacci numbers
		Recurrent sequences (Mathematics)
		Catalan numbers (Mathematics)
		Combinatorial 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 and index.
	Nota di contenuto	pt. 1. The Fibonacci numbers -- pt. 2. The Catalan numbers.
	Sommario/riassunto	"In this one-of-a-kind book, Ralph Grimaldi uses his extensive experience from the classroom and as a leader of mini-courses to present an accessible, single resource on the topics of Fibonacci Numbers and Catalan Numbers. The book first embarks on a complete treatment of Fibonacci numbers. Starting with a historical background on the topic, the author goes on to present the properties of Fibonacci numbers, a slew of introductory-level examples, and in-depth discussion of related topics including compositions and palindromes; tiling and Fibonacci numbers; solving linear recurrence relations; graph theory; Lucas numbers; and alternate Fibonacci numbers. The second half of the book explores Catalan numbers, and the author builds a

complete foundation to the topic using a historical background and introductory examples, along with coverage of partial orders, total orders, topological sorting, graph theory, rooted ordered binary trees, pattern avoidance, and the Narayana numbers. Coverage of both topics are accompanied by interesting, real-world examples from areas such as sports, botany, and computer science. Each section concludes with detailed exercise sets that can also serve as extended examples of the presented material along with selected solutions. An Instructor's Manual featuring complete solutions is available upon written request, and extensive reference sections outline resources for further study of the discussed topics."--

2.	Record Nr.	UNINA9910557442203321
	Autore	Zoppi Corrado
	Titolo	Ecosystem Services, Green Infrastructure and Spatial Planning
	Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
	Descrizione fisica	1 online resource (345 p.)
	Soggetti	Research and information: general
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Sommario/riassunto	National governments hardly identify their ecological networks or make an effort to integrate them into their spatial policies and plans. Under this perspective, an important scientific and technical issue is to focus on preserving corridors for enabling species mobility and on achieving connectivity between natural protected areas. This Special Issue takes a step forward insofar as it aims at proposing a theoretical and methodological discussion on the definition and implementation of ecological networks that provide a wide range of ecosystem services.