

1.	Record Nr.	UNISALENTO991002495079707536
	Autore	Luthy, Herbert
	Titolo	Da Calvino a Rousseau : tradizione e modernità nel pensiero socio-politico dalla Riforma alla Rivoluzione francese / Herbert Luthy
	Pubbl/distr/stampa	Bologna : Il mulino, [1971]
	Descrizione fisica	293 p. ; 22 cm
	Collana	Saggi [Il Mulino] ; 102
	Disciplina	909
	Soggetti	Storia moderna e contemporanea - Saggi
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910299776103321
	Autore	Joshi Mark
	Titolo	Proof Patterns / / by Mark Joshi
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
	ISBN	3-319-16250-0
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (XIII, 190 p. 24 illus.)
	Disciplina	511.6
	Soggetti	Number theory Geometry Combinatorial analysis Mathematical analysis Analysis (Mathematics) Topology Mathematics—Study and teaching Number Theory Combinatorics Analysis Mathematics Education

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Induction and complete induction -- Double Counting -- The pigeonhole principle -- Divisions -- Contrapositive and contradiction -- Intersection-enclosure and Generation -- Difference of invariants -- Linear dependence, fields and transcendence -- Formal equivalence -- Equivalence extension -- Proof by classification -- Specific-generality -- Diagonal tricks and cardinality -- Connectedness and the Jordan curve theorem -- The Euler characteristic and the classification of regular polyhedra -- Discharging -- The matching problem -- Games -- Analytical patterns -- Counterexamples.
Sommario/riassunto	This innovative textbook introduces a new pattern-based approach to learning proof methods in the mathematical sciences. Readers will discover techniques that will enable them to learn new proofs across different areas of pure mathematics with ease. The patterns in proofs from diverse fields such as algebra, analysis, topology and number theory are explored. Specific topics examined include game theory, combinatorics, and Euclidean geometry, enabling a broad familiarity. The author, an experienced lecturer and researcher renowned for his innovative view and intuitive style, illuminates a wide range of techniques and examples from duplicating the cube to triangulating polygons to the infinitude of primes to the fundamental theorem of algebra. Intended as a companion for undergraduate students, this text is an essential addition to every aspiring mathematician's toolkit.