1. Record Nr. UNINA9910671086203321

Autore	Monahan Patrick
Titolo	Constitutional law [[electronic resource] /] / Patrick J. Monahan, Byron Shaw
Pubbl/distr/stampa	Toronto [Ont.], : Irwin Law, 2013
ISBN	1-55221-304-8 9781299783300 9781552213049
Edizione	[4th ed.]
Descrizione fisica	1 online resource (694 p.)
Collana	Essentials of Canadian law
Altri autori (Persone)	ShawByron
Disciplina	342.71
Soggetti	Constitutional law - Canada Constitutional history - Canada Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes the text of The Constitution Act, 1867 and The Constitution Act, 1982.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part One : Introduction. An Introduction to the Study of the Canadian Constitution -- Part Two : The Framework and Institutions of Government. Canada's Constitutional Development Before 1867 -- The Constitution Act, 1867 : Executive and Legislative Power -- The Constitution Act, 1867 : Federalism and Judicial Power -- Part Three : Constitutional Change. Constitutional Amendment, 1867-1982 -- Constitutional Change Since 1982 -- Part Four : The Courts and Canadian Federalism. The Courts and Canadian Federalism: From Watertight Compartments to Shared Responsibility -- Peace, Order, and Good Government -- Trade and Commerce -- Property and Civil Rights in the Province -- Criminal Law -- The Consitution and Transportation -- Part Five: The Charter and Aboriginal Rights. The Canadian Charter of Rights and Freedoms -- Aboriginal Peoples and the Canadian Constitution -- Part Six : Conclusion. The Canadian Constitution in the Twenty-First Century -- Glossary of Terms -- Constitution Acts 1867 to 1982 -- Table of Cases.

2. Record Nr. UNINA9910736025803321

Autore	Joharinad Parvaneh
Titolo	Mathematical Principles of Topological and Geometric Data Analysis / / by Parvaneh Joharinad, Jürgen Jost
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-33440-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (287 pages)
Collana	Mathematics of Data, , 2731-4111 ; ; 2
Altri autori (Persone)	JostJürgen
Disciplina	514
Soggetti	Mathematics Machine learning Computer science Geometry Topology Applications of Mathematics Machine Learning Computational Geometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Topological foundations, hypercomplexes and homology -- Weighted complexes, cohomology and Laplace operators -- The Laplace operator and the geometry of graphs -- Metric spaces and manifolds -- Linear methods: Kernels, variations, and averaging -- Nonlinear schemes: Clustering, feature extraction and dimension reduction -- Manifold learning, the scheme of Laplacian eigenmaps -- Metrics and curvature.
Sommario/riassunto	This book explores and demonstrates how geometric tools can be used in data analysis. Beginning with a systematic exposition of the mathematical prerequisites, covering topics ranging from category theory to algebraic topology, Riemannian geometry, operator theory and network analysis, it goes on to describe and analyze some of the most important machine learning techniques for dimension reduction, including the different types of manifold learning and kernel methods. It also develops a new notion of curvature of generalized metric spaces,

based on the notion of hyperconvexity, which can be used for the topological representation of geometric information. In recent years there has been a fascinating development: concepts and methods originally created in the context of research in pure mathematics, and in particular in geometry, have become powerful tools in machine learning for the analysis of data. The underlying reason for this is that data are typically equipped with some kind of notion of distance, quantifying the differences between data points. Of course, to be successfully applied, the geometric tools usually need to be redefined, generalized, or extended appropriately. Primarily aimed at mathematicians seeking an overview of the geometric concepts and methods that are useful for data analysis, the book will also be of interest to researchers in machine learning and data analysis who want to see a systematic mathematical foundation of the methods that they use.