1.	Record Nr.	UNINA9910459967803321
	Autore	Hansen Eric W (Eric William), <1954->
	Titolo	Fourier transforms : principles and applications / / Eric W. Hansen
	Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2014 ©2014
	ISBN	1-118-90169-X
	Edizione	[1st edition]
	Descrizione fisica	1 online resource (774 p.)
	Classificazione	MAT003000
	Disciplina	515/.723
	Soggetti	Signal processing - Mathematical models Image processing - Mathematical models Fourier analysis Electronic books.
	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	FOURIER TRANSFORMS; Contents; Preface; Philosophy and Distinctives; Flow of the Book; Suggested Use; Acknowledgments; 1 Review of Prerequisite Mathematics; 1.1 Common notation; 1.2 Vectors in space; 1.3 Complex numbers; 1.4 Matrix algebra; 1.5 Mappings and functions; 1.6 Sinusoidal functions; 1.7 Complex exponentials; 1.8 Geometric series; 1.9 Results from calculus; 1.10 Top 10 ways to avoid errors in calculations; Problems; 2 Vector Spaces; 2.1 Signals and vector spaces; 2.2 Finite-dimensional vector spaces; 2.2.1 Norms and Metrics; 2.2.2 Inner Products 2.2.3 Orthogonal Expansion and Approximation2.3 Infinite-dimensional vector spaces; 2.3.1 Convergent Sequences; 2.3.3 Functions and the Lp Spaces; 2.4 Operators; 2.5 Creating orthonormal bases-the Gram-Schmidt process; 2.6 Summary; Problems; 3 The Discrete Fourier Transform; 3.1 Sinusoidal sequences; 3.2 The Discrete Fourier transform; 3.3 Interpreting the DFT; 3.4 DFT properties and theorems; 3.5 Fast Fourier transform; 3.6 Discrete cosine transform; 3.7 Summary; Problems; 4 The Fourier Series; 4.1 Sinusoids and physical systems; 4.2 Definitions and interpretation 4.3 Convergence of the Fourier series4.4 Fourier series properties and theorems; 4.5 The heat equation; 4.6 The vibrating string; 4.7 Antenna

Sommario/riassunto	"Fourier Analysis with Complex Variables explains transform methods and their application to electrical systems from circuits, antennas, and signal processors--ably guiding readers from vector space concepts to the Discrete Fourier Transform (DFT) and the Fourier series. Featuring chapter end summaries of key results, over two hundred examples and four hundred homework problems, MATLAB files, and a Solutions Manual this book is perfect for graduate students in signal processing and communications as well as practicing engineers"--
	"Provides the same solid background as classic texts in the field, but with an emphasis on digital and other contemporary applications to signal and image processing"--

2.	Record Nr.	UNINA9910777654603321
	Autore	Anastaplo George <1925->
	Titolo	Reflections on constitutional law [[electronic resource] /] / George Anastaplo
	Pubbl/distr/stampa	Lexington, Ky., : University Press of Kentucky, c2006
	ISBN	0-8131-3729-2
		1-283-23259-6
		9786613232595
		0-8131-7134-2
	Descrizione fisica	1 online resource (284 p.)
	Disciplina	342.73
	Soggetti	Constitutional law - United States
		Constitutional history - United States
	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	An introduction to constitutionalism -- Magna Carta (1215) -- The Declaration of Independence (1776) -- The Articles of Confederation (1776-1789) ; the Northwest Ordinance (1787) -- Emergence of the constitution (1786-1791) -- Marbury v. Madison (1803) -- Swift v. Tyson (1842) ; Erie Railroad Company v. Tompkins (1938) -- Martin v. Hunter's Lessee (1816) ; M'culloch v. Maryland (1819) -- Gibbons v. Ogden (1824) -- Burdens on interstate commerce (1905-1981) -- Missouri v. Holland (1920) ; Wickard v. Filburn (1942) -- The presidency and the constitution -- A government of enumerated powers? -- Realism and the study of constitutional law -- The challenges of skepticism for the constitutionalist -- Constitutionalism and the common law : the Erie problem reconsidered -- The Confederate Constitution (1861-1865) -- The Japanese relocation cases (1943,1944) -- Calder v. Bull (1798) ; Barron v. Baltimore (1833) -- Corfield v. Coryell (1823) and the privileges and immunities puzzles -- The slaughter-house cases (1872) : a false start? -- The civil rights cases (1883) ; Plessey v. Ferguson (1896) : more false starts? -- Shelley v. Kraemer (1948) ; Brown v. Board of Education (1954, 1955) -- Affirmative action and the Fourteenth Amendment -- San Antonio

Independent School District v. Rodriguez (1973) -- Whose votes count for what--and when?

Sommario/riassunto

In a trend that disturbs nationally known constitutional scholar George Anastaplo, law schools now place very little emphasis on the study of the United States Constitution as a document. Today, many constitutional law professors spend less than a week teaching the history, philosophical tenets, and legal origins of the Constitution itself and more time on Supreme Court cases. In Reflections on Constitutional Law, Anastaplo emphasizes the continuing significance and importance of the Constitution by examining the most important influences on the American constitutional system, including the