1. **Record Nr.** UNINA990009577190403321

Titolo	Dynamical systems and group action / Lewis Bowen, Rostilav Grigorchuk, Yaroslav Vorobets, editors
Pubbl/distr/stampa	Providence : American Mathematical Society, 2012
ISBN	978-0-8218-6922-2
Descrizione fisica	XI, 264 p. ; 26 cm
Collana	Contemporary mathematics ; 567
Disciplina	515'.39
Locazione	MA1
Collocazione	C-1-(567
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. **Record Nr.** UNINA9910693216003321

Titolo	National Park Service [[electronic resource]] : managed properties in the District of Columbia : report to congressional committees
Pubbl/distr/stampa	[Washington, D.C.] : , : U.S. Government Accountability Office, , [2005]
Soggetti	Parks - Washington (D.C.) - Management Real property - Washington (D.C.) - Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on May 6, 2005). "April 2005." Paper version available from: U.S. Government Accountability Office, 441 G St., NW, Rm. LM, Washington, D.C. 20548. "GAO-05-378."

	Nota di bibliografia	Includes bibliographical references.

3.	Record Nr.	UNINA9910254200403321
	Autore	Suresh Paul Joseph
	Titolo	Understanding Phase Contrast MR Angiography : A Practical Approach with MATLAB examples / / by Joseph Suresh Paul, Subha GR
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
	ISBN	3-319-25483-9
	Edizione	[1st ed. 2016.]
	Descrizione fisica	1 online resource (99 p.)
	Collana	SpringerBriefs in Electrical and Computer Engineering, , 2191-8112
	Disciplina	616.0754
	Soggetti	Biomedical engineering
		Medical physics
		Radiation
		Cardiac imaging
		Biomedical Engineering and Bioengineering
		Medical and Radiation Physics
		Cardiac Imaging
	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 at the end of each chapters.
	Nota di contenuto	Preface; Acknowledgments; Contents; 1 Introduction to MR Imaging; Abstract; 1.1 Magnetic Resonance Imaging; 1.2 MRI Physics; 1.2.1 Spin Physics; 1.2.2 RF Excitation; 1.2.3 Relaxation; 1.3 Signal Generation; 1.3.1 Spatial Encoding of MR Signal; 1.3.2 2D Imaging; 1.3.3 Small Tip Angle Approximation; 1.4 Phase Contrast Imaging; References; 2 Simulation Overview; Abstract; 2.1 Bloch Equation; 2.1.1 Solution of Bloch Equation; 2.1.2 Time Update Form of Bloch Equation; 2.2 Working Principle of MR Simulator; 2.2.1 Imaging Parameters and K-Space Generation
		2.3 Incorporation of T2* Effects in Gradient-Echo Imaging2.4 Incorporation of Susceptibility Effects; 2.4.1 Susceptibility Artifacts; References; 3 Working Principle of PC-MRA with MATLAB Examples; Abstract; 3.1 Gradient Echo Imaging; 3.2 Velocity Encoding; 3.3 Effects of Flow on the Image; 3.4 Phase Contrast Techniques; 3.5 Quantitative

Sommario/riassunto	Providing many unique MATLAB codes and functions throughout, this book covers the basics of Magnetic Resonance Imaging (MRI), leading to an in-depth understanding of the concepts and tools required for analysis and interpretation of Phase Contrast MR Angiography (PC-MRA). The concept of PC-MRA is often difficult, but essential for practicing engineers and scientists working in MR related areas. The concepts are better understood by uniquely combining the physical principles of fluid flow and MR imaging, laid out by modeling the theory and applications using a commonly used software tool MATLAB®. The book starts with a detailed theory of PC-MRA followed by a description of various image processing methods, including detailed MATLAB codes used for their implementation. The flow concepts in the context of MR imaging are explained using MATLAB based simulations.