

1. Record Nr.	UNINA9910619274603321
Titolo	Anterolateral rotatory instability in ACL deficient knee / / edited by Andrea Ferretti
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	9783031001154 9783031001147
Descrizione fisica	1 online resource (179 pages)
Disciplina	612.75
Soggetti	Joints - Hypermobility Anterior cruciate ligament Lligaments Articulacions Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Foreword -- Contents -- Contributors -- 1: History of Modern ACL Surgery -- References -- 2: Anatomy of Secondary Restraints of ACL -- References -- 3: Biomechanics of Anterolateral Instability and Pivot Shift -- References -- 4: Surgical Anatomy in ACL Tears -- References -- 5: The Segond's Fracture -- 5.1 Biomechanics -- 5.2 Surgical Anatomy -- 5.3 Surgical Treatment -- References -- 6: The Unhappy Triad Revisited -- 6.1 Surgical Findings -- References -- 7: Mechanism of Injury of ACL Tears -- References -- 8: Diagnostics in ACL-Deficient Knee -- References -- 9: Why the Semitendinosus? -- References -- 10: Extra-Articular Reconstructions in ACL-Deficient Knee -- 10.1 Background -- 10.2 Biomechanics -- 10.3 Surgical Techniques -- 10.4 Results -- References -- 11: Revision ACL Reconstructions -- References -- 12: Anterolateral Instability and Osteoarthritis -- References -- 13: Clinical Results in ACL Surgery -- References -- 14: Future Directions: ACL Repair vs Reconstruction -- 14.1 Postoperative Rehabilitation -- References.

2. Record Nr.	UNINA9910960478003321
Autore	Rondeau Thomas Warren
Titolo	Artificial intelligence in wireless communications / / Thomas W. Rondeau, Charles W. Bostian
Pubbl/distr/stampa	Boston ; ; London, : Artech House, c2009
ISBN	9781607832355 1607832356
Edizione	[1st ed.]
Descrizione fisica	1 online resource (227 p.)
Collana	Mobile communications series
Altri autori (Persone)	BostianCharles W
Disciplina	621.384
Soggetti	Cognitive radio networks Wireless communication systems
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	Introduction to cognitive radio -- The cognitive engine: artificial intelligence for wireless communication -- Overview and basics of software defined radios -- Optimization of radio resources -- Genetic algorithms for radio optimization -- Decision making with case-based learning -- Cognitive radio networking and rendezvous -- Example cognitive engine -- Conclusions -- A: Analysis of GNU radio simulation -- B: Additional BER formulas -- C: OProfile and results of profiling GNU radio -- D: XML and DTD representation of the cognitive components -- E: Optimal solutions of knapsack problems -- F: Simulation of an SINR sensor.
Sommario/riassunto	This cutting-edge resource offers practical overview of cognitive radio? a paradigm for wireless communications in which a network or a wireless node changes its transmission or reception parameters. The alteration of parameters is based on the active monitoring of several factors in the external and internal radio environment. This book offers a detailed description of cognitive radio and its individual parts. Practitioners learn how the basic processing elements and their capabilities are implemented as modular components. Moreover, the book explains how each component can be developed and tested independently, before integration with the rest of the engine. Practitioners discover how cognitive radio uses artificial intelligence to achieve radio optimization. The book also provides an in-depth

working example of the developed cognitive engine and an experimental scenario to help engineers understand its performance and behavior.
