

1. Record Nr.	UNINA9910459638703321
Titolo	Can anything beat white? [[electronic resource]] : a Black family's letters // [edited by] Elisabeth Petry
Pubbl/distr/stampa	Jackson, : University Press of Mississippi, 2005
ISBN	1-282-91736-6 9786612917363 1-61703-068-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (229 p.)
Collana	Margaret Walker Alexander Series in African American Studies
Altri autori (Persone)	PetryElisabeth
Disciplina	813/.54 B
Soggetti	Novelists, American - 20th century - Family relationships African American novelists - Family relationships African American families - History African Americans Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Contents; Introduction; Acknowledgments; Prologue; Chapter 1. Surviving the Patterrollers; Chapter 2. The Surrogate Mother; Chapter 3. The Wanderer; Chapter 4. Consumed by Life; Chapter 5. Getting Along Swimmngly; Chapter 6. Setting the Stage; Chapter 7. Writing for Posterity from Hawaii; Chapter 8. Challenges at Atlanta University; Chapter 9. A Lark a Flyin'; Chapter 10. Achieving a Dream; Postscript
Sommario/riassunto	Ann Petry (1908-1997) achieved prominence during a period in which few black women were published with regularity in America. Her novels Country Place (1947) and The Narrows (1988), along with various short stories and nonfiction, poignantly described the struggles and triumphs of middle-class blacks living in primarily white communities. Petry's ancestors, the James family, served as in-spiration for much of her fiction. This collection of more than four hundred family letters, edited by the daughter of Ann Petry, is an engaging portrait of black family life from the 1890's to the early twenti

2. Record Nr.	UNINA9910139784103321
Autore	Berlemann Lars
Titolo	Cognitive radio and dynamic spectrum access // Lars Berlemann and Stefan Mangold
Pubbl/distr/stampa	Hoboken, New Jersey : , : J. Wiley & Sons, , 2009 [Piscataway, New Jersey] : , : IEEE Xplore, , [2009]
ISBN	1-282-68377-2 9786612683770 0-470-75442-7 0-470-75443-5
Descrizione fisica	1 online resource (266 p.)
Altri autori (Persone)	MangoldStefan
Disciplina	621.384
Soggetti	Cognitive radio networks Radio frequency allocation Software radio
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	List of Figures -- List of Tables -- About The Authors -- Foreword -- Acknowledgement -- Preface -- Abbreviations -- 1. INTRODUCTION -- 1.1 Access to radio spectrum -- 1.2 Artificial spectrum scarcity from unexploited frequencies -- 1.3 Cognitive radio and dynamic spectrum access as solution -- 1.4 This book 28 -- 2. RADIO SPECTRUM TODAY - REGULATION AND SPECTRUM USAGE -- 2.1 History and terminology -- 2.1.1 The four basic approaches for radio spectrum regulation -- 2.1.2 Guiding principles -- 2.2 Institutions that regulate radio spectrum -- 2.2.1 International Telecommunication Union, ITU -- 2.2.2 Europe -- 2.2.3 Germany -- 2.2.4 United Kingdom -- 2.2.5 Japan -- 2.2.6 P.R. China -- 2.2.7 United States of America -- 2.3 Licensed and unlicensed spectrum -- 2.3.1 The disadvantages of spectrum licensing -- 2.3.2 Unlicensed spectrum as alternative -- 2.3.3 Tragedy of commons in unlicensed spectrum -- 2.3.4 Spectrum measurements -- 3. RADIO SPECTRUM TOMORROW ? DYNAMIC SPECTRUM ACCESS & SPECTRUM SHARING -- 3.1 Spectrum sharing and dynamic spectrum access: concepts and terminology -- 3.1.1 Spectrum trading and

spectrum liberalization -- 3.1.2 Underlay and overlay spectrum sharing -- 3.1.3 Vertical and horizontal spectrum sharing -- 3.1.4 Coexistence, coordination and cooperation -- 3.2 Horizontal spectrum sharing -- 3.2.1 Coexistence -- 3.2.2 Centralized spectrum coordination for horizontal sharing -- 3.2.3 Spectrum sharing games -- 3.3 Vertical spectrum sharing -- 3.3.1 Re-use of TV bands for vertical spectrum sharing -- 3.3.2 Spectrum pooling and a common control for vertical spectrum sharing -- 3.3.3 Operator-assistance in vertical spectrum sharing -- 3.3.4 Spectrum load smoothing for vertical spectrum sharing -- 3.4 Taxonomy for spectrum sharing -- 4. TOWARDS COGNITIVE RADIO - RESEARCH AND STANDARDIZATION -- 4.1 Research programs and projects -- 4.1.1 DARPA Next Generation Communications Program, XG -- 4.1.2 National Science Foundation's project GENI -- 4.1.3 European project E3. 4.1.4 European project WINNER+ -- 4.1.5 European project WIP -- 4.1.6 European project SOCRATES -- 4.1.7 European project ROCKET -- 4.1.8 European project ORACLE -- 4.2 IEEE coordination, and the Coexistence Advisory Group IEEE 802.19 -- 4.3 IEEE SCC41/P1900 -- 4.3.1 IEEE P1900.1 -- 4.3.2 IEEE P1900.2 -- 4.3.3 IEEE P1900.3 -- 4.3.4 IEEE P1900.4 -- 4.3.5 IEEE P1900.5 -- 4.4 Wi-Fi Wireless Local Area Networks IEEE 802.11 -- 4.4.1 IEEE 802.11k for radio resource measurements -- 4.4.2 IEEE 802.11n for high throughput -- 4.4.3 IEEE 802.11s for mesh networks -- 4.4.4 IEEE 802.11y for high power Wi-Fi -- 4.5 WiMAX Wireless Metropolitan Area Networks IEEE 802.16 -- 4.5.1 IEEE 802.16.2 Coexistence -- 4.5.2 IEEE 802.16h license exempt -- 4.5.3 IEEE 802.22 for wireless rural area networks -- 4.6 Other standardization activities -- 4.6.1 White Spaces Coalition & Wireless Innovation Alliance -- 4.6.2 The New America Foundation and open spectrum -- 4.6.3 SDR Forum -- 4.6.4 Third Generation Partnership Project 3GPP -- 4.6.5 European Telecommunications Standards Institute ETSI -- 4.6.6 Academic research conferences and workshops -- 5. PROPOSED ENABLERS FOR REALIZING HORIZONTAL SPECTRUM SHARING -- 5.1 IEEE 802.11 in unlicensed spectrum -- 5.1.1 Overview -- 5.1.2 Physical layer -- 5.1.3 Medium access control -- 5.1.4 Learning from 802.11 -- 5.2 IEEE 802.16 in unlicensed spectrum -- 5.2.1 Coexistence scenario -- 5.2.2 Protecting the beginning of 802.16 MAC frame -- 5.2.3 Protecting the 802.16 UL subframe -- 5.2.4 Shifting the contention slots -- 5.2.5 Quality-of-service, efficiency, and fairness -- 5.3 Policies in spectrum usage -- 5.3.1 Policy framework -- 5.3.2 Spectrum navigation -- 5.3.3 Reasoning based spectrum navigation -- 5.4 Policy language -- 5.5 Spectrum sharing games -- 5.5.1 Related work -- 5.5.2 802.11e coexistence scenario -- 5.5.3 Game overview -- 5.5.4 Single stage game for frame based interaction -- 5.5.5 Quality-of-service as utility -- 5.5.6 Analytic game model -- 5.5.7 Behavior. 5.5.8 Equilibrium analysis -- 5.5.9 Multi stage game model -- 5.5.10 Discounting of future payoffs -- 5.5.11 Strategies -- 5.5.12 Nash equilibrium in multi stage games -- 5.5.13 QoS evaluation of strategies -- 5.5.14 Game approach as policy -- 5.5.15 Learning from spectrum sharing games -- 6. PROPOSED ENABLERS FOR REALIZING VERTICAL SPECTRUM SHARING -- 6.1 Frequency division duplex for Wi-Fi: FDD WLANs -- 6.2 Operator assisted cognitive radio with beaconing -- 6.2.1 Existing standard beaconing concepts -- 6.2.2 What is a beacon? -- 6.2.3 Improved signaling mechanism with dual beacons -- 6.2.4 Beacon implementation in IEEE 802.11 -- 6.2.5 Evaluation -- 6.2.6 Dual beaconing for the reuse of TV bands as policy -- 6.3 Spectrum load smoothing -- 6.3.1 Related work -- 6.3.2 Enabling cognitive radios -- 6.3.3 Spectrum load smoothing in the time domain -- 6.3.4

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Sommario/riassunto

Cognitive Radio for Dynamic Spectrum Access gives a comprehensive overview of the main concepts behind radio spectrum regulation, dynamic spectrum access and cognitive radio. Spectrum measurements are introduced to illustrate the inefficiencies in today's spectrum usage and the book also discusses enablers for horizontal and vertical spectrum sharing. Among others a game-theory-based approach for spectrum sharing is described and evaluated. Institution and standardisation approaches in academic research and industry are highlighted including IEEE SCC41, 802.11k/n/s/y and 802.22 which lead towards commercial exploitation of cognitive radio. In conclusion, this book looks at the initial steps towards the vision of true cognitive radio and the potential impact on telecommunication business. * Introduces the benefits and challenges of cognitive radio * Presents cognitive radio in research and industry and covers implications for operators from the perspective of a telecom operator * Examines how cognitive radio techniques will considerably change the wireless communication market.

3. Record Nr.	UNINA9910688248803321
Autore	Diniz Carlos Alberto
Titolo	Escola da juventude paulista : a expansao dos ginasios publicos e o campo politico no estado de Sao Paulo (1947-1963) // Carlos Alberto Diniz
Pubbl/distr/stampa	Sao Paulo : , : Fundacao Editora da UNESP, , 2020
Descrizione fisica	1 online resource (302 pages) : illustrations
Disciplina	371.7
Soggetti	School health services
Lingua di pubblicazione	Portoghese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	<p>Como ocorreu no Estado de Sao Paulo a expansao dos ginasios publicos no periodo da redemocratizacao? Como os Poderes Executivo e Legislativo estadual atuavam em torno dessa questao para responder as demandas da populacao da capital e dos demais municipios paulistas? Tais questoes orientaram toda esta obra, cujos resultados indicam um notorio processo de expansao das escolas ginasiais em um ritmo extraordinariamente acelerado, ocorrido de modo discrepante em diversos aspectos, uma vez que prevaleceram criterios politicos em detrimento de criterios educacionais. Tematica de grande atualidade e interesse para estudantes, professores e pesquisadores da area da Educacao, a questao da expansao das redes de ensino diz respeito diretamente a democratizacao e ampliacao da cidadania. Nesse sentido, o conhecimento de natureza historica, sobretudo no que tange a relacao entre politica e educacao, pode contribuir sobremaneira para qualificar a discussao e subsidiar reflexoes sobre a expansao da escolarizacao no pais e, de igual maneira, problematizar a conjuntura educacional brasileira no presente.</p>

4. Record Nr.	UNINA9910863299203321
Titolo	Algae : Multifarious Applications for a Sustainable World // edited by Sachin Kumar Mandotra, Atul Kumar Upadhyay, Amrik Singh Ahluwalia
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-7518-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XI, 373 p. 80 illus., 38 illus. in color.)
Disciplina	579.8
Soggetti	Biotechnology Microbiology Sustainability Environmental engineering Bioremediation Environmental Engineering/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Valorisation of wastewater via nutrient recovery using algae-based processes -- Chapter 2. Constructed wetland and microalgae: A revolutionary approach of bioremediation and sustainable energy production -- Chapter 3. Mitigation of Heavy Metals Utilizing Algae and its Subsequent Utilization for Sustainable fuels -- Chapter 4. Adaptive and tolerance mechanism of microalgae in removal of cadmium from wastewater -- Chapter 5. Algae as miniature waste water scavengers -- Chapter 6. Parametric modeling and optimization of phycoremediation of Cr(VI) using artificial neural network and simulated annealing -- Chapter 7. An insight on potential application of microalgae in pharmaceutical and nutraceutical production -- Chapter 8. The budding potential of algae in cosmetics -- Chapter 9. Food supplements formulated with Spirulina -- Chapter 10. Fucoxanthin Production from Diatoms: Current Advances and Challenges -- Chapter 11. Liquid Biofuels from Algae -- Chapter 12. UV-B coupled lipid induction: A strategies towards economical biofuel production through algae -- Chapter 13. Microalgae Mediated Nanomaterials Synthesis -- Chapter 14. Algae-mediated biological synthesis of metallic

nanoparticles and their applications -- Chapter 15. Cyanobacterial blooms and Cyanotoxins: Occurrence and Detection -- Chapter 16. Potential of Golden Brown Algae in Forensic Analysis: A Review. .

Sommario/riassunto

This exciting book presents diverse applications of microalgal renewable resources to meet modern demands for energy and value-added products. It also comprehensively describes the role of algae in sustainable and cost-effective wastewater treatment strategies, and highlights the latest research on, advances in and biotechnological relevance of algae in the areas of bioenergy, bioremediation, pharmaceuticals, nutraceuticals and green economy. The book addresses gaps in the fields of bioenergy, waste management, health and economy by providing broad information on bioenergy production, management strategies, drug development, nutraceuticals products and biobased economy using algae at the commercial level. The book introduces researchers to key and emerging innovations in the field of algal biology research and will assist policymakers, environmentalists, scientists, students and global thinkers in defining sustainable developmental goals for the future. Accordingly, it is an extremely important read for researchers and students in the environmental sciences, life sciences and chemistry, experts in the energy sector and policymakers alike. .
