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Titolo	Fast facts for the pediatric nurse : an orientation guide in a nutshell / / Diana Rupert, Kathleen Young
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Descrizione fisica	1 online resource (332 p.)
Collana	Fast Facts
Disciplina	610.7362
Soggetti	Pediatric nursing - Methodology 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 at the end of each chapters and index.
Nota di contenuto	Cover; Title; Copyright; Contents; Preface; Acknowledgments; Share Fast Facts for the Pediatric Nurse: An Orientation Guide in a Nutshell; Part I: Pediatric Principles; Chapter 1: Tips for Working With Children; Approach and Communication; General Overview for Initial Contact with a Pediatric Client; Summary; References and Further Reading; Chapter 2: Growth and Development; Patterns of Growth and Development; Influences on Growth and Development; Infant (Birth to 1 Year of Age); Toddler (Ages 1 to 3 Years); Preschooler (Ages 3 to 5 Years); School Age (Ages 6 to 12 Years) Adolescent (Ages 12 to 20 Years)References and Further Reading; Chapter 3: Well Child Care: Immunizations; Immunizations; Pneumococcal Vaccines; Additional Immunization Information; References and Further Reading; Chapter 4: Well Child Care: Preventive Care and Anticipatory Guidance; Preventive Well Child Care; Anticipatory Guidance; Conclusion; References and Further Reading; Chapter 5: Physical Exam: Newborn Through Adolescence; Developmentally Appropriate Approaches to Physical Assessment; Physical Assessment Sequence; Pain Assessment; References and Further Reading Chapter 6: Child Abuse: How and When to ReportDefinition of Abuse; When to Report; How to Report; Anticipatory Guidance: Abuse Risk

Factors; Cultural Issues Related to Child Abuse; Conclusion; References and Further Reading; Part II: Role of the Pediatric Nurse; Chapter 7: Health Care Delivery in Pediatrics; Role of the Pediatric Nurse; Acute Care Setting; Community Care Setting; References and Further Reading; Chapter 8: Hospitalization; Preparing the Child for Hospitalization; Issues Related to Hospitalization Parent/Family; Pediatric Client; Considerations of Hospitalization Related to Age Nursing Considerations Related to HospitalizationReferences and Further Reading; Chapter 9: Medication Administration and Special Procedures; Adjusting to Pediatric-Sized Clients; Pediatric Safe-Dose Calculations; Dosage Calculation; Medication Administration; Nursing Procedures for the Pediatric Population; References and Further Reading; Part III: System Review of Common Pediatric Disorders; Chapter 10: Emotional or Behavioral Disorders; Emotional or Behavioral Disorders; Conclusion; References and Further Reading; Chapter 11: Neurologic and Chromosomal Disorders Variations in Pediatric Anatomy and PhysiologyNervous System Disorders; References and Further Reading; Chapter 12: Skin Disorders; Congenital Lesions/Birth Marks; Other Skin Lesions; Dermatophytoses or Fungal Infections of the Skin; Conclusion; References and Further Reading; Chapter 13: Respiratory Disorders; Variations in Pediatric Anatomy and Physiology; Upper Respiratory Tract Disorders; Etiology; Diagnoses; Lower Respiratory Tract Disorders; Etiology; Diagnoses; References and Further Reading; Chapter 14: Cardiovascular Disorders; Congenital Heart Disease (CHD); Acquired Heart Disease Conclusion

Sommario/riassunto

This new addition to the Fast Facts series delivers the core information for orienting novice nurses or nursing students to the challenging field of pediatric nursing. Pocket-sized and formatted for quick access to the knowledge a pediatric nurse needs daily, it is packed with concise information on both disease processes and well child care, and offers the clinical advice that comes from years of experience. A particularly helpful feature is the book's cross-referenced index of frequently used terminology that helps users rapidly access crucial information. Importantly, the guide offers valu

2. Record Nr.	UNINA9910795472903321
Autore	Burger Mathias
Titolo	Duality and approximation methods for cooperative optimization and control / / Mathias Burger
Pubbl/distr/stampa	Berlin : , : Logos Verlag Berlin, , [2014] ©2014
ISBN	3-8325-9591-0
Descrizione fisica	1 online resource (166 pages)
Disciplina	515.782
Soggetti	Duality theory (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	PublicationDate: 20140214
Sommario/riassunto	Long description: This thesis investigates the role of duality and the use of approximation methods in cooperative optimization and control. Concerning cooperative optimization, a general algorithm for convex optimization in networks with asynchronous communication is presented. Based on the idea of polyhedral approximations, a family of distributed algorithms is developed to solve a variety of distributed decision problems, ranging from semi-definite and robust optimization problems up to distributed model predictive control. Optimization theory, and in particular duality theory, are shown to be central elements also in cooperative control. This thesis establishes an intimate relation between passivity-based cooperative control and network optimization theory. The presented results provide a complete duality theory for passivity-based cooperative control and lead the way to novel analysis tools for complex dynamic phenomena. In this way, this thesis presents theoretical insights and algorithmic approaches for cooperative optimization and control, and emphasizes the role of convexity and duality in this field.