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Nota di contenuto	Contents; Foreword; Acknowledgments; About the Authors; Policy Summary; Acronyms and Abbreviations; 1 Introduction; Figure 1.1 Conceptual Framework for Hospital Performance; 2 The Brazilian Hospital Sector: Structure, Financing, Spending, and Outcomes; Table 2.1 Demographic and Health Trends; Table 2.2 Financial and Economic Costs Related to the NCD Burden of Disease, 2005-9; Table 2.3 International Comparison of Health Expenditure, 2002; Table 2.4 International Comparison of Health Spending and Outcomes, 2002; Figure 2.1 Main Players and Fund Flows in the Brazilian Hospital Sector; Figure 2.2 Distribution of National Health Expenditure, by Source, 2004; Figure 2.3 Trends in SUS Financing, by Source, 1985-2004; Figure 2.4 Payment and Transfer Flows for SUS Hospitals; Table 2.5 Hospital Ownership, 2002; Figure 2.5 Hospitals, by Size and Ownership, 2002; Figure 2.6 Long-Term Trends in Bed Supply, 1976-2002; Box 2.1 A Brief History of Hospitals in Brazil; Figure 2.7 Privately Financed and SUS-Financed Patients, 2002; Figure 2.8 Inpatient Care, by Clientele and Hospital Ownership, 2000-3; Figure 2.9 Sources of Hospital Care Financing, 2002; Table 2.6 Disparities in Health Indicators in the Municipality of Sao Paulo, 2002-3; Figure 2.10 Hospital Spending, by Facility Ownership, 2002; Figure 2.11 Hospital Spending, by Line Item, 2002; Figure 2.12 SUS Hospital Spending, by Type of Care, 2002; Table 2.7 SUS Hospital

Expenditure, by Care Level, 2002; Table 2.8 Brazilian and International Patterns of Hospital Resource Allocation, 2000-2; Table 2B.1 Health Facilities, by Region; Table 2B.2 Geographic Distribution of Hospital Infrastructure; Table 2B.3 Regional Variation in Socioeconomic Indicators, 1998-2002

Table 2B.4 Hospital Financing, by Source, 2002Table 2B.5 Hospital Expenditure, by Financing Source, 2002; Figure 2B.1 Total Hospital Costs, United States, by Type of Expense, Fiscal 2003; Table 2B.6 SUS Expenditure, by Facility Ownership, 2002; 3 Comparative Analysis of Costs and Efficiency; Box 3.1 Types of Efficiency; Figure 3.1 Distribution of Cases and Costs, by Case-Mix Index Range, 2001; Figure 3.2 Distribution of Procedures, by Cost Intervals, 2001; Figure 3.3 Costs by Hospital Type, Unadjusted and Adjusted for Case Mix, 2001

Figure 3.4 Main Sources of Variation in Hospital Costs, 2001Figure 3.5 Coefficient of Variation for Surgical and Clinical Cases, 2001; Table 3.1 Total and Intrahospital Cost Variation and Ranges for Procedures with Low and High CVs, Unadjusted for CMI, 2001; Figure 3.6 Composition of Procedure Costs, by AIH Category, 2001; Table 3.2 Composition of Hospital Costs, by Ownership and Line Item, 2002; Box 3.2 Hospital Cost Structures in Brazil and Canada; Table 3.3 Mean Costs in the Private Sector, 2002-4; Box 3.3 Advantages and Limitations of Data Envelopment Analysis

Box 3.4 International Experience in Health System Evaluation and Benchmarking

Sommario/riassunto

Drawing on an eclectic array of research and evaluative studies culled from a mix of sources, this volume analyzes Brazilian hospital performance along several policy dimensions including resource allocation and use within hospitals, hospital payment mechanisms, organizational and governance arrangements, management practices, and regulation and quality. An agenda for hospital reform is proposed which synthesizes priorities that are integral to improving hospital performance-and which should be considered for implementation in the near and medium term.

2. Record Nr.	UNINA9910806860103321
Autore	Walker Darren
Titolo	Computational physics / / Darren J. Walker
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ISBN	1-68392-830-X 1-68392-831-8
Edizione	[Second edition.]
Descrizione fisica	1 online resource (x, 340 pages) : illustrations
Collana	Essential Fields of Physics
Disciplina	530.15
Soggetti	Physics - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Chapter 1: Introduction -- Chapter 2: Getting Comfortable -- Chapter 3: Interpolation and Data Fitting -- Chapter 4: Searching for Roots -- Chapter 5: Numerical Quadrature -- Chapter 6: Ordinary Differential Equations -- Chapter 7: Fourier Analysis -- Chapter 8: Monte Carlo Methods -- Chapter 9: Partial Differential Equations -- Chapter 10: Advanced Numerical Quadrature -- Chapter 11: Advanced ODE Solver and Applications -- Chapter 12: High-Performance Computing -- Bibliography -- Appendix: A Crash Course in C++ Programming -- Index
Sommario/riassunto	This updated edition provides an introduction to computational physics in order to perform physics experiments on the computer. --

3. Record Nr.	UNINA9910674042303321
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Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
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Sommario/riassunto	<p>Like all branches of physics and engineering, electromagnetics relies on mathematical methods for modeling, simulation, and design procedures in all of its aspects (radiation, propagation, scattering, imaging, etc.). Originally, rigorous analytical techniques were the only machinery available to produce any useful results. In the 1960s and 1970s, emphasis was placed on asymptotic techniques, which produced approximations of the fields for very high frequencies when closed-form solutions were not feasible. Later, when computers demonstrated explosive progress, numerical techniques were utilized to develop approximate results of controllable accuracy for arbitrary geometries. In this Special Issue, the most recent advances in the aforementioned approaches are presented to illustrate the state-of-the-art mathematical techniques in electromagnetics.</p>