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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Front matter -- Contents -- Acknowledgments -- Abbreviations -- Introduction. The Fallacy of Chinese Exceptionalism / Chan, Anita -- Part I. Historical and Structural Developments -- 1. Exporting Corporatism? / Lüthje, Boy -- 2. Globalization and Labor in China and the United States / Liu, Mingwei / Bentley, Frederick Scott / Thi Evans, Mary Huong / Schurman, Susan J. -- Part II. Labor Standards -- 3. Recomposing Chinese Migrant and State-Sector Workers / Lin, Kevin -- 4. Industrial Upgrading and Work / Butollo, Florian -- 5. The Working and Living Conditions of Garment Workers in China and Vietnam / Siu, Kaxton -- 6. Race To The Bottom / Chan, Anita / Xue, Hong / Lund-Thomsen, Peter / Nadvi, Khalid / Khara, Navjote -- Part III. Trade Unions, Collective Bargaining, and The Right To Strike -- 7. Labor NGOs Under State Corporatism / King-chi Chan, Chris / Chiu, Yu-bin -- 8. One Step Forward / Quan, Katie -- 9. Creating a Right to Strike in China / Nice, Thomas / Cooney, Sean -- 10. Trade Union Reform in Russia and China / Pringle, Tim -- Notes -- Contributors -- Index
	Sommario/riassunto	As the "world's factory" China exerts an enormous pressure on workers around the world. Many nations have had to adjust to a new global

political and economic reality, and so has China. Its workers and its official trade union federation have had to contend with rapid changes in industrial relations. Anita Chan argues that Chinese labor is too often viewed from a prism of exceptionalism and too rarely examined comparatively, even though valuable insights can be derived by analyzing China's workforce and labor relations side by side with the systems of other nations. The contributors to Chinese Workers in Comparative Perspective compare labor issues in China with those in the United States, Australia, Japan, India, Pakistan, Germany, Russia, Vietnam, and Taiwan. They also draw contrasts among different types of workplaces within China. The chapters address labor regimes and standards, describe efforts to reshape industrial relations to improve the circumstances of workers, and compare historical and structural developments in China and other industrial relations systems.

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2.	Record Nr.	UNINA9910299349503321
	Autore	Vince John
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	Descrizione fisica	1 online resource (XVII, 301 p. 99 illus. in color.)
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	Soggetti	Computer science—Mathematics Math Applications in Computer Science
	Lingua di pubblicazione	Inglese
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	Note generali	Includes index.
	Nota di contenuto	Introduction -- Complex Numbers -- Matrix Algebra -- Quaternions -- Octonions -- Geometric Algebra -- Trigonometric Identities using Complex Numbers -- Combining Waves using Complex Numbers -- Circuit Analysis using Complex Numbers -- Geometry Using Geometric Algebra -- Rotating Vectors using Quaternions -- Complex Numbers and the Riemann Hypothesis -- The Mandelbrot Set -- Conclusion -- Index.
	Sommario/riassunto	The imaginary unit i = -1 has been used by mathematicians for nearly five-hundred years, during which time its physical meaning has been a constant challenge. Unfortunately, René Descartes referred to it as "imaginary", and the use of the term "complex number" compounded the unnecessary mystery associated with this amazing object. Today, i = -1 has found its way into virtually every branch of mathematics, and is widely employed in physics and science, from solving problems in electrical engineering to quantum field theory. John Vince describes the evolution of the imaginary unit from the roots of quadratic and cubic equations, Hamilton's quaternions, Cayley's octonions, to Grassmann's geometric algebra. In spite of the aura of mystery that surrounds the subject, John Vince makes the subject accessible and very readable. The first two chapters cover the imaginary unit and its integration with real numbers. Chapter 3 describes how complex numbers work with matrices, and shows how to compute complex eigenvalues and eigenvectors. Chapters 4 and 5 cover Hamilton's

invention of quaternions, and Cayley's development of octonions, respectively. Chapter 6 provides a brief introduction to geometric algebra, which possesses many of the imaginary qualities of quaternions, but works in space of any dimension. The second half of the book is devoted to applications of complex numbers, quaternions and geometric algebra. John Vince explains how complex numbers simplify trigonometric identities, wave combinations and phase differences in circuit analysis, and how geometric algebra resolves geometric problems, and quaternions rotate 3D vectors. There are two short chapters on the Riemann hypothesis and the Mandelbrot set, both of which use complex numbers. The last chapter references the role of complex numbers in quantum mechanics, and ends with Schrödinger's famous wave equation. Filled with lots of clear examples and useful illustrations, this compact book provides an excellent introduction to imaginary mathematics for computer science.