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Nota di contenuto	Front Cover; Contents; Preface; Acknowledgments; About the Authors; Chapter 1: On the Way to Eco-Friendly Computer Infrastructure : The Impact of Computer Infrastructure Lifecycle on the Environment and Solutions for Greener IT; Chapter 2: Green Computer Science : Methodologies, Designs, Frameworks, and Tools That Can Be Used to Compute Energy Efficiently; Chapter 3: Computer Aided Sustainable Design : How Designer and CAD Applications Can Reduce Damage of Products and the Environment; Chapter 4: Computing Noise Pollution; Chapter 5: End-of-Life Opportunities for Computers and Computer Parts Chapter 6: Green Cloud ComputingBack Cover
Sommario/riassunto	A concise and accessible introduction to green computing and green IT, this book addresses how computer science and the computer infrastructure affect the environment and presents the main challenges in making computing more environmentally friendly. The authors review the methodologies, designs, frameworks, and software

development tools that can be used in computer science to reduce energy consumption and still compute efficiently. They also focus on Computer Aided Design (CAD) and describe what design engineers and CAD software applications can do to support new streamlined business dire