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Sommario/riassunto	A landmark in the field, this handbook addresses the challenges that arise with the adoption of new processors into all types of computing devices and machines, from cell phones to super computers. The book focuses on the foundations of multi and many-core microprocessor computing as well as recent advances in the areas of architecture,

algorithms, programming, optimization, and applications. Applications covered within the book include data mining, scientific applications, information retrieval, and bioinformatics--