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Sommario/riassunto

Probing both the science and the engineering involved, this one-of-a-kind resource reviews current microchip fabrication methods and architectures and discusses fundamentals of nanoscale design and DNA self-assembly. Moreover, the book surveys current limitations and challenges, and features detailed case studies of lightweight self-organizing computer architectures. This roadmap to DNA microchip synthesis is essential reading for all engineers and researchers involved in developing nanoscale computer structures, devices, and applications.
