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Sommario/riassunto

This book warns that retaining U.S. preeminence in computing at the beginning of the next century will require long-term planning, leadership, and collective will that cannot be attained with a business-as-usual approach by industry or government. This consensus emerged from a colloquium of top executives from the U.S. computer sector, university and industry researchers, and government policymakers. Among the major issues discussed are long-term, or strategic, commitment on the part of large firms in the United States; cooperation within and among firms and between industry, universities, and government; weaknesses in manufacturing and in the integration of research, development, and manufacturing; technical standards for both hardware and software manufacture and operation; and education and infrastructure (in particular, computer networks).
