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Autore	Aspray William
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Nota di contenuto	Introduction -- Part I: Digest of Relevant Literatures -- Opening STEM Careers to Women -- Opening STEM Careers to African Americans -- Opening STEM Careers to Hispanics -- Opening STEM Careers to American Indians -- Part II: Case Studies -- Organizations That Help Women to Build STEM Careers -- Organizations That Help Underrepresented Minorities to Build STEM Careers -- Organizations That Help Women Build Computing Careers -- Organizations That Help Underrepresented Minorities Build Computing Careers -- Building Educational Infrastructures for Broadening Participation in Computing.
Sommario/riassunto	This text examines in detail the issue of the underrepresentation of women, African Americans, American Indians, and Hispanics in the computing disciplines in the U.S. The work reviews the underlying causes, as well as the efforts of various nonprofit organizations to correct the situation, in order to both improve social equity and address the shortage of skilled workers in this area. Topics and features: Presents a digest and historical overview of the relevant literature from a range of disciplines, including leading historical and social science sources Discusses the social and political factors that have affected the demographics of the workforce from the end of WWII

to the present day Provides historical case studies on organizations that have sought to broaden participation in computing and the STEM disciplines Reviews the different approaches that have been applied to address underrepresentation, at the individual, system-wide, and pathway-focused level Profiles the colleges and universities that have been successful in opening up computer science or engineering to female students Describes the impact of individual change-agents as well as whole organizations This valuable study will be of great interest to a varied readership, including computer scientists, social scientists studying science and technology, race and gender scholars, education historians, policy scholars, and historians of computing. Dr. William Aspray is a professor in the Department of Information Science at the University of Colorado Boulder. His other Springer publications include Participation in Computing, Formal and Informal Approaches to Food Policy and Food in the Internet Age.