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"ORGANIZATION OF THE REPORT" "2 The Sources and Rate of Technological Change in the U.S. Economy "; "DEFINING TECHNOLOGICAL CHANGE"; "Invention, Innovation, and Diffusion"; "Influences on Invention, Innovation, and Diffusion"; "The Interaction of Technological and Organizational Change"; "Measuring Technological Change"; "SOURCES OF TECHNOLOGICAL CHANGE"; "Industrially Funded Research and Development in the United States"; "Federally Funded Research and Development"; "Foreign Research and Development"; "THE DIFFUSION OF TECHNOLOGY"

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"4 Studies of the Impact of Technological Change on Employment, Skills, and Earnings: A Critical Review "

## Sommario/riassunto

Will the adoption of new technologies by U.S. industry lead to widespread unemployment? Or will the resulting use of new processes and techniques, as well as the introduction of new products, open new opportunities for American workers? This volume studies the relationship of technology to employment and the effects of technological change on the workplace. The authors discuss the role of new technologies in strengthening U.S. international competitiveness, recommend initiatives for assisting displaced workers, and make recommendations to aid industry in developing and adopting the new technology it needs to compete successfully in the world economy.