

1. Record Nr.	UNINA9910455795503321
Titolo	Technology and employment [[electronic resource]] : innovation and growth in the U.S. economy / / Panel on Technology and Employment, Committee on Science, Engineering, and Public Policy [of the] National Academy of Sciences, National Academy of Engineering [and] Institute of Medicine ; Richard M. Cyert and David C. Mowery, editors
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1987
ISBN	1-280-22156-9 9786610221561 0-309-58185-0 0-585-14243-2
Descrizione fisica	1 online resource (244 p.)
Altri autori (Persone)	CyertRichard Michael <1921-1998.> MoweryDavid C
Disciplina	331.12/0973
Soggetti	Labor supply - Effect of technological innovations on - United States Full employment policies - United States Electronic books. United States Economic conditions 1981-2001 Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Bibliography: p. 194-208.
Nota di contenuto	""Technology and Employment""; ""Copyright""; ""Sponsors""; ""Preface""; ""Contents""; ""Executive Summary""; ""TECHNOLOGY AND AMERICAN ECONOMIC WELFARE""; ""CENTRAL FINDINGS""; ""Employment and Wage Impacts of Technological Change in an Open Economy""; ""Technology and the Characteristics of Tomorrow's Jobs""; ""Technology and Work Force Adjustment""; ""POLICY OPTIONS AND RECOMMENDATIONS""; ""Recommendations for the Public Sector""; ""Policies for Worker Adjustment""; ""Training for Labor Market Entrants""; ""Equal Employment Opportunity"" ""Science and Technology Policy to Support the Adoption of New Technologies"" ""The Adequacy of the Data""; ""Health and Safety Impacts of Technological Change""; ""Recommendations for the Private Sector""; ""Labor-Management Collaboration in Technology Adoption"";

""Elements of ""Best-Practice"" Strategies for Technology Adoption"";
""Protection from the Costs of Displacement""; ""Education for
Managers""; ""1 Introduction ""; ""TECHNOLOGY AND AMERICAN
ECONOMIC WELFARE""; ""WHOSE JOBS ARE AFFECTED BY
TECHNOLOGICAL CHANGE?""; ""TECHNOLOGICAL CHANGE AND
EMPLOYMENT IN AN ""OPEN"" ECONOMY""
""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""
""Factors Affecting the Diffusion of Technology"" ""Obstacles to the
Diffusion of Technology""; ""KEY TECHNOLOGY ""CLUSTERS"""";
""Information Technologies""; ""Computer-Aided Manufacturing
Technologies""; ""Advanced Materials""; ""Biotechnology"";
""SUMMARY""; ""3 Labor Supply and Demand Within the U.S. Economy "";
""THE U.S. ECONOMY: CHANGES IN STRUCTURE AND PERFORMANCE
SINCE THE 1960's""; ""TRENDS IN U.S. UNEMPLOYMENT""; ""Aggregate
Unemployment""; ""Displacement""; ""TRENDS IN LABOR SUPPLY"";
""Long-Term Growth""; ""Labor Force Growth, 1947-1986""; ""Projected
Growth, 1984-1995""
""Educational Attainment of the U.S. Labor Force, 1959-1990""
""Comparing the Educational Attainment of U.S. Labor Market Entrants
with Those of Other Nations""; ""LABOR DEMAND""; ""Growth in Labor
Productivity and Output""; ""Changes in the Sectoral Composition of
Output and Employment""; ""INTERNATIONAL TRADE, TECHNOLOGICAL
CHANGE, AND U.S. EMPLOYMENT""; ""International Trade and
Employment""; ""Technological Change and U.S. Exports""; ""The
Competitiveness of U.S. Industry""; ""Unit Labor Costs in U.S. and
Foreign Manufacturing, 1950-1985""; ""SUMMARY""
""4 Studies of the Impact of Technological Change on Employment,
Skills, and Earnings: A Critical Review ""
