

1. Record Nr.	UNINA9910956044403321
Autore	Levy Frank <1941->
Titolo	The new division of labor : how computers are creating the next job market // Frank Levy and Richard J. Murnane
Pubbl/distr/stampa	New York, : Russell Sage Foundation Princeton, N.J., : Princeton University Press, c2004
ISBN	9781400845927 1400845920 9781283848282 1283848287
Edizione	[Course Book]
Descrizione fisica	1 online resource (187 p.)
Classificazione	QV 200
Altri autori (Persone)	MurnaneRichard J
Disciplina	331.1
Soggetti	Labor supply - Effect of technological innovations on Labor supply - Effect of automation on Computers - Social aspects Employees - Effect of automation on Automation - Economic aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	New divisions of labor -- Why people still matter -- How computers change work and pay -- Expert thinking -- Complex communication -- Enabling skills -- Computers and the teaching of skills -- Standards-based education reform in the computer age -- The next ten years.
Sommario/riassunto	As the current recession ends, many workers will not be returning to the jobs they once held--those jobs are gone. In The New Division of Labor, Frank Levy and Richard Murnane show how computers are changing the employment landscape and how the right kinds of education can ease the transition to the new job market. The book tells stories of people at work--a high-end financial advisor, a customer service representative, a pair of successful chefs, a cardiologist, an automotive mechanic, the author Victor Hugo, floor traders in a London financial exchange. The authors merge these stories with insights from cognitive science, computer science, and economics to show how

computers are enhancing productivity in many jobs even as they eliminate other jobs--both directly and by sending work offshore. At greatest risk are jobs that can be expressed in programmable rules--blue collar, clerical, and similar work that requires moderate skills and used to pay middle-class wages. The loss of these jobs leaves a growing division between those who can and cannot earn a good living in the computerized economy. Left unchecked, the division threatens the nation's democratic institutions. The nation's challenge is to recognize this division and to prepare the population for the high-wage/high-skilled jobs that are rapidly growing in number--jobs involving extensive problem solving and interpersonal communication. Using detailed examples--a second grade classroom, an IBM managerial training program, Cisco Networking Academies--the authors describe how these skills can be taught and how our adjustment to the computerized workplace can begin in earnest.
