

# THE NEW DIVISION OF LABOR

## How Computers Are Creating the Hext Job Market

Frank Levy and Richard J. Murnane

RUSSEI.I. SACF< FOUNDATION

New York

PRINCETON UNIVHRSITY PRESS
Princeton and Oxford

#### **COHTEHTS**

Acknowh'dgments vii

CHAPTER1
New **Divisions of l,abor** 1

PARTI Computers and the Economy

C\ IAPTER 2
Why People Still Matter 13

C:HAPTER3
low Computers Change Work and Pay 31

PART II
The Skills Employers Value

Cl IAPTHR 4 Hxpert Thinking 57

#### vi CONTENTS

### CHAPTER5 Complex Communication 76

## PART III How Skills Are Taught

CHAPTER6 Enabling Skills 99

CHAPTER 7
Computers and the Teaching of Skills 109

CHAPTER cS
Standards-Based Education Reform in the Computer Age 131

CHAPTER9
The Next Ten Years 149

Notes 159

Index 169