Globalization and a High-Tech Economy

Globalization and a High-Tech Economy: California, the United States and Beyond

by

Ashok Deo Bardhan

Dwight M. Jaffee

Cynthia A. Kroll

Haas School of Business, University of California

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Dedication

To our spouses,

Arden Hall, Lynne LaMarca Heinrich, and Raka Ray

with appreciation for help and patience.

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Preface

This work began in 1995 as a research effort to understand the role foreign trade had played and would continue to play in the recovery of the California economy from the 1991 through 1993 recession. In 1996 and 1997, the research continued, under a grant from the California Policy Seminar (since renamed the California Policy Research Center) of the University of California. The work resulted in a policy brief, a report issued by the California Policy Seminar, and seven working papers released by the Fisher Center for Real Estate and Urban Economics at the Haas School of Business, University of California, Berkeley.

Since the initial series of reports was completed, the forces of globalization have continued to transform high-tech industries, especially the “computer cluster,” in California, the United States, and beyond. The computer cluster includes semiconductors, computer components and machines, and various aspects of software including systems design, data processing, and software. While some high-tech sectors, such as semiconductor production, have long taken advantage of global resources in their production processes and marketing, presently even sectors that once relied largely on domestic markets and domestic production sites have begun to move outward for both inputs to production and to find new markets.

This book is a joint undertaking of the three authors and we all share equally in any praise or blame. However, books are not written well by committee, and each of us has taken on special responsibilities as follows (alphabetical order has been used in all lists of author names in this book):

- Chapter 1 Ashok Deo Bardhan, Dwight Jaffee, and Cynthia Kroll
- Chapter 2 Dwight Jaffee
- Chapter 3 Cynthia Kroll
- Chapter 4 Ashok Deo Bardhan
- Chapter 5 Ashok Deo Bardhan and Dwight Jaffee
- Chapter 6 Ashok Deo Bardhan
- Chapter 7 Cynthia Kroll
- Chapter 8 Ashok Deo Bardhan, Dwight Jaffee, and Cynthia Kroll