

THE TRANSFORMATION OF AMERICA

Edited by
Steven E. Goldberg
and
Charles R. Strain

CONTENTS

Preface	ix
Contributors	xi
Introduction: Modern Technology and the Humanities	
Charles R. Strain and Steven E. Goldberg	1

Part One

Consciousness

1. Does Improved Technology Mean Progress?	
Leo Marx	23
2. The Invention of the Past: Technology, History, and Nostalgia	
John F. Kasson	37
3. Artificial Intelligence: Its Accomplishments and Prospects	
Martin G. Kalin	53
4. Conflicting Models of Rights: The Case of Technical Obsolescence	
Robert Allan Cooke	64

Part Two

Work

5. Technology and Its Critics: The Degradation of the Practical Arts	
Christopher Lasch	79
6. The Challenge of Economic Transformation: Forerunner of Democracy	
Brian G. Sullivan	91
7. Industrial Technology and Collective Bargaining	
Irving Bluestone	104

CONTENTS

Part Three **Community**

8. Medical Technologies and Communities of Moral Value
Paul F. Camenisch 117
9. Community, Time, and the Technical Order
Robert Rotenberg 133
10. Community Planning for Technological Development: A New Bargaining Process
Marc A. Weiss and John T. Metzger 145

Part Four **Politics**

11. Republican Virtue in a Technological Society
Albert Borgmann 159
12. Brandeis v. *Nineteen Eighty-Four*: Computer Technology and the Right of Privacy
Senator Charles McC. Mathias, Jr. 176
13. High Technology and Higher Education
James W. Carey 183
- Index 199