CONTENTS

Acknowledgmer	nts	ix
Preface		xi
1. Introduction		1
2. The Machine Scientific I The Moral	Management	16
3. Criteria of D	esign	45
Technical Numerical Programm	ontrol: A Case Study and Economic Advantages Control on the Shop Floor ing and Computer Numerical Control t on the Machinist	66
Flexible M Robots Manageme	erized Factory: On the Shop Floor anufacturing Systems ent Information Systems rations Planning System (TOPS)	136
Computer-	Off the Shop Floor: The Wider Context Aided Design (CAD) and Managerial Structure I Factory	217

v	1	1	1
v	E	ı	L

Contents

7. Computers as Strikebreakers	247
8. "A Technology Bill of Rights"	264
Notes	279
Index	297