

TECHNOLOGY AND EMPLOYMENT PRACTICES IN DEVELOPING COUNTRIES

HUBERT SCHMITZ

INSTITUTE OF DEVELOPMENT STUDIES
UNIVERSITY OF SUSSEX

CROOM HELM
London • New York • Sydney

CONTENTS

List of Tables	
List of Figures	
Acknowledgements	

Introduction	1
---------------------	----------

Part One

TECHNOLOGICAL CHANGE AND LABOUR UTILISATION IN MANUFACTURING INDUSTRY: A REVIEW OF THE LITERATURE

1. The Labour Process in the History of Economic Thought	7
2. Technology Related Patterns of Labour Utilisation in Developing Countries	20

Part Two

TECHNOLOGY AND LABOUR IN BRAZILIAN INDUSTRY

3. The Approach	33
4. The Cotton Spinning and Weaving Industry	38
5. The Chemical Fibre Industry	86
6. The Clothing Industry	101
7. The Hammock Industry	125
8. The Spinning and Weaving Industry Continued	142

Part Three

TOWARDS AN UNDERSTANDING OF INDUSTRIAL LABOUR PROCESSES IN DEVELOPING COUNTRIES

9. Classifying Technologies	157
10. Putting Out - Past or Present?	164
11. Skills and Control	170
12. Labour Turnover, Wages and Reliability	178
13. Some Policy Implications	185
14. The Future with Micro-electronics	191

Annex	209
Bibliography	239