

# **Industrialization and Technological Development in China**

**by Nobuo MARUYAMA**

**Institute of Developing Economies**

Industrialization and  
Technological Development  
in China

I.D.E. Occasional Papers Series No. 24

INDUSTRIALIZATION AND  
TECHNOLOGICAL DEVELOPMENT  
IN CHINA

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Nobuo MARUYAMA

INSTITUTE OF DEVELOPING ECONOMIES

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# Contents

	<i>Page</i>
Preface	xi
Introduction	1
1 Main Features of the Industrial Structure and Industrial Technology in China	5
2 Research and Development Systems	44
3 Industrialization Strategy and Technological Innovation	88
Notes	109
Select Bibliography	114
Index	119

## **Industrialization and Technological Development in China**

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Since the end of the 1970s, the Western world has experienced a new wave of technological innovation which has brought about rapid changes in information technology, changes which have had a serious impact on the socialist countries. In order to cope with this situation, China and the Soviet Union have had to expand the resources allotted to science and technology, and they have been attempting to establish an effective R & D system through efforts to reform their economic systems. However, whether or not their efforts will be successful is a much debated question in both China and the Soviet Union.

Nobuo Maruyama presents a systematic analysis of the Chinese approach to technological development. He points out various obstacles which have been seriously impeding and discouraging efforts for innovation in China, one being the legacy of the Maoist self-reliance development strategy, others being China's legacy of deep-rooted ideology mixed with its socialist system and the age-old ideas of its traditional society. Maruyama is an experienced researcher in the area of the Chinese economy, and the analysis in this book is based upon a vast number of interviews and surveys of literally hundreds of industrial enterprises in various parts of the country, many of which he was able to personally inspect as well.

Nobuo Maruyama was born in 1943, educated at the Department of Economics, Rikkyo University, and is now a Senior Research Officer at the Institute of Developing Economies. He has spent more than twenty years studying the Chinese economy. His speciality is in the field of China's industrial economy and technology, and he has published many books on the subject.

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