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Nota di contenuto	Foreword; Prologue; Acknowledgements; List of Abbreviations; About the Authors; Disclaimer; CONTENTS; Chapter 1 Asia's Spirit of Innovation; COMPASS; GUNPOWDER; PAPER MAKING AND PRINTING; SEISMOGRAPH; SILK AND CHINESE EMBROIDERY; ENGINEERING - GRAND CANAL OF CHINA; MATHEMATICS; PRECIOUS METALS; IMMUNOLOGY; TERTIARY EDUCATION - THE START AND LATER REVIVAL OF AN ANCIENT UNIVERSITY IN INDIA; SEVEN WONDERS OF THE WORLD; The New Seven Wonders of the World; Great Wall of China in China (220 B.C. and 1368-1644 AD); Taj Mahal of India; Chapter 2 Enablers - Forces of Innovation 2.1 Research and Development InvestmentsChina; China's Rising Stature in Science and Technology; India; China and India - Research Output Has Been Rising Rapidly; Korea; Korea's R&D output; Singapore; Key Innovation Outcome of Some Asian Countries; 2.2 Universities; Singapore; Current State of Higher Education; Geographic Distribution of Researchers in the World; Scientific Publications; 2.3 Young Minds and Human Resources; State of China and India; China's and India's Intellectual Diaspora - Reverse Brain-drain; India's Intellectual Diaspora - Reverse Brain-drain

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Sommario/riassunto

This book provides a brief overview of the recent trends in innovations. Early inventions/innovations that began in Asia (i.e., compass, paper, gunpowder and printing) spread to the Atlantic (Europe and USA) by land and sea routes. However, with population growth, economic expansion, availability of skilled researchers and lower cost of research in Asia Pacific, there has been a shift in innovation activities in this region. There has been a discernable trend of innovation (R&D) in countries like Japan, Korea, China, India and Singapore. This book attempts to create awareness of this trend and
