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Titolo	The Development of Railway Technology in East Asia in Comparative Perspective // edited by Minoru Sawai
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Descrizione fisica	1 online resource (153 pages) : illustrations, tables
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: Railway Engineers of the Japanese Empire and the Significance of Collaborative R & D Activities -- Chapter 3: Diversification and Convergence: The Development of Locomotive Technology in Meiji Japan -- Chapter 4: Railway Technology of South Manchurian Railways and Workers in China -- Chapter 5: Innovation in Power Sources for Taiwan's Railways in the Period of US Aid (1950-1965) -- Chapter 6: A Comparison of Railway Nationalization Between Two Empires: Germany and Japan.
Sommario/riassunto	This is the first book to examine the process of railway development in Japan, Korea, Taiwan, and China from historical and comparative perspectives. Moreover, it discusses and compares the East Asian experiences of railway development with cases in Germany, which was a mainstay of railway development in Europe. After the opening of Japan in the mid-nineteenth century, the country achieved import substitution of locomotives in half a century. This book explores the social capability of Meiji Japan to overtake the advanced countries in railway technology. Parallel with the expansion of the Japanese empire,

a large team of engineers constructed and operated the colonial government railways of Taiwan and Korea and the South Manchuria Railway. The book clearly outlines the education and training of these engineers. The management capabilities of the colonial railways and South Manchuria Railway were transferred to the postwar period, and such expertise supported the economic development of each country and region. These dramatic East Asian experiences of railway development are compared with European cases, mainly German railways.

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