Record Nr. UNINA9910787499203321 Early responses to the periodic system / / edited by Masanori Kaji, **Titolo** Helge Kragh and Gabor Pallo Pubbl/distr/stampa New York, New York:,: Oxford University Press,, 2015 ©2015 **ISBN** 0-19-755946-8 0-19-020009-X 0-19-020008-1 Descrizione fisica 1 online resource (345 p.) Collana Oxford scholarship online Disciplina 346/.8 Periodic table of the elements Soggetti Periodic law Chemical elements Chemistry - History - 19th century Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Previously issued in print: 2015. Nota di bibliografia Includes bibliographical references and index. Cover; Early Responses to the Periodic System; Copyright; Contents; Nota di contenuto List of Figures; List of Tables; Foreword; Acknowledgments; List of Contributors; 1 Introduction; Part I Discovery and Early Work on the Periodic System: 2 The Early Response to Mendeleev's Periodic System in Russia; 3 The Periodic System and Its Influence on Research and Education in Germany between 1870 and 1910; Part II Early Response at the Center of Chemical Research; 4 British Reception of Periodicity; 5 Mendeleev's Periodic Classification and Law in French Chemistry **Textbooks** Part III Response in the Central European Periphery 6 Nationalism and the Process of Reception and Appropriation of the Periodic System in Europe and the Czech Lands; Part IV Response in the Northern European Periphery (Scandinavian Countries); 7 When a Daring Chemistry Meets a Boring Chemistry: The Reception of Mendeleev's Periodic System in Sweden; 8 Reception and Early Use of the Periodic System: The Case of Denmark; 9 Ignored, Disregarded, Discarded? On the Introduction of the Periodic System in Norwegian Periodicals and

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Sommario/riassunto

Early Responses to the Periodic System is a collection of comparative studies on the reception, response, and appropriation of the periodic system of elements. This book examines the history of pedagogy and popularization in scientific communities, educational sectors, and popular culture from the 1870s to the 1920s. Fifteen historians of science explore eleven countries (and one region) central to chemical research, including Russia, Germany, the Czech lands, and Japan, one of the few nation-states outside the Western world to participate in nineteenth century scientific research.