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4.3. In Warsaw (1901-1903)References; 5. M. S. Tswett and the Invention of Chromatography Part II: Completion of the Development (1903-1910); 5.1. Controversy; 5.2. Tswett's Two Publications On Chromatography; 5.3. Polemics; 5.4. Tswett's 1910 Book; 5.5. Postwords; References; 6. M. S. Tswett and the 1918 Nobel Prize in Chemistry; 6.1. The Nobel Prizes; 6.2. The Nominations for the 1918 Chemistry Prize; 6.3. Tswett's Nomination; 6.4. Evaluation; References; Part Three: THE FIRST PIONEERS IN THE USE OF CHROMATOGRAPHY; 7. Gottfried Kranzlin, the First Follower of Tswett 7.1. G. Kranzlin and his Work 7.2. Kranzlin's Thesis; 7.3. Chromatography in Kranzlin's Thesis; 7.4. Kranzlin's Place in the Evolution of Chromatography; 7.5. Postscript; References; 8. Charles Dhere - Pioneer and Tswett Biographer; 8.1. Dhere's Life; His Field of Interest; 8.2. Rogowski and His Chromatography Work; 8.2.1. Rogowski's Life; 8.2.2. Rogowski's Thesis Work; 8.2.3. Dhere and Tswett; 8.3. Vegezzi and His Thesis Work; 8.4. Later Work of Dhere; 8.5. Dhere's Paper on Tswett; 8.6. Conclusions; References; 9. L. S. Palmer and the Beginnings of Chromatography in the United States 9.1. Palmer's Life 9.2. Palmer's Research Activities; 9.3. Chromatography in Palmer's Work; 9.4. Chromatography in Palmer's Book; 9.5. Palmer as the Transition Between Tswett and The "Rebirth" of Chromatography; References; 10. Katharine Hope Coward: A Pioneering User of Chromatography; 10.1. K. H. Coward - Her Life; 10.2. The State of Science in Coward's Time; 10.2.1. Nutrition and Vitamins; 10.2.2. Carotenoids; 10.3. The Scope of Coward's Work in the 1920's; 10.3.1. Coward and Chromatography; 10.4. Postscript; References; 11. Theodor Lippmaa, A Forgotten Chromatographer 11.1. The Separation of Carotenoids

Sommario/riassunto

Chromatography, invented more than 100 years ago, is the most widely used separation technique in the world today. It has helped the birth of modern analytical instrumentation and continues to strongly influence the profiles of our chemical, biochemical and clinical laboratories. This book deals with the history of the invention and evolution of chromatography and of the various chromatographic techniques. After discussing the precursors, it elaborates on the activities of M.S. Tswett, the inventor of the technique, and of a few selected key pioneers. It then summarizes the evolution
