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Autore	Shand Mark A
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	THE CHEMISTRY AND TECHNOLOGY OF MAGNESIA; CONTENTS; Preface; Acknowledgments; 1 History of Magnesia; 1.1 History of Magnesia; Bibliography; 2 Formation and Occurrence of Magnesite and Brucite; 2.1 Introduction; 2.2 Sedimentary Magnesite-Basis for Carbonate Deposition; 2.2.1 Secondary Nodular Magnesite; 2.2.2 Biogenic Carbonate; 2.3 Serpentine Alteration by Hydrothermal Processes; 2.4 Cryptocrystalline Magnesite Formation by Infiltration; 2.5 Crystalline Magnesite-Replacement of Limestone and Dolomite; 2.6 Brucite; 2.7 Worldwide Occurrence of Magnesite and Brucite 2.7.1 United States and Canada2.7.2 Brazil; 2.7.3 Australia; 2.7.4 China; 2.7.5 North Korea; 2.7.6 Nigeria; 2.7.7 South Africa; 2.7.8 India; 2.7.9 Saudi Arabia; 2.7.10 Iran; 2.7.11 Greece; 2.7.12 Turkey; 2.7.13 Serbia and Bosnia; 2.7.14 Austria; 2.7.15 Russia; 2.7.16 Slovakia;

2.7.17 Spain; 2.8 Physical and Chemical Properties of Magnesite; 2.9 Chemical and Physical Properties of Brucite; Bibliography; References; 3 Synthetic Magnesia; 3.1 Introduction; 3.2 Composition of Seawater and Brines; 3.2.1 Seawater Chemistry; 3.2.2 Brine Extraction; 3.2.3 Sump Leaching Phase; 3.2.4 Preparation Phase
3.2.5 Production Phase3.2.6 Evaporite Production; 3.2.7 Subsurface Brines; 3.3 Process Description; 3.3.1 Precipitation Reaction; 3.3.2 Influence of Reaction Conditions on Mg(OH)₂ Particle Morphology; 3.3.3 Dolime/Lime Requirements; 3.3.4 Seawater Pretreatment; 3.3.5 Precipitation Process; 3.3.6 Settling and Compaction; 3.3.7 Washing; 3.3.8 Filtration; 3.3.9 Brine Precipitation; 3.4 Calcination; 3.5 Grinding; 3.6 Packaging; 3.7 Sampling and Testing and In-Process Quality Control; 3.7.1 Dolime; 3.7.2 Seawater; 3.7.3 Reactor; 3.7.4 Settling/Thickener; 3.7.5 Washing; 3.7.6 Filtration
3.7.7 Calcining3.7.8 Grinding; 3.7.9 Finished Product; 3.8 Aman Process; 3.8.1 Pyrohydrolysis of Magnesium Chloride Hexahydrate; 3.9 General Properties of Synthetic Magnesia; Bibliography; References; 4 Mining and Processing Magnesite; 4.1 Mining Operations; 4.1.1 Overburden Removal; 4.1.2 Drilling; 4.1.3 Bench Height; 4.1.4 Hole Diameter; 4.1.5 Burden and Spacing; 4.1.6 Subdrilling; 4.1.7 Hole Stemming; 4.1.8 Blast Hole Pattern; 4.1.9 Blast Timing; 4.1.10 Blasting Agents; 4.1.11 Secondary Blasting; 4.1.12 Chemical Contour and Muck Maps; 4.2 Processing Magnesite
4.2.1 Ore Removal and Primary Crushing4.2.2 Gyratory and Cone Crushers; 4.2.3 Jaw Crushers; 4.2.4 Roll Crushers; 4.2.5 Size Separation; 4.2.6 Screening; 4.2.7 Pneumatic (Air) Classification; 4.2.8 Hydroclones; 4.3 Gravity Concentration; 4.3.1 Float-Sink Separation; 4.3.2 Froth Floatation; 4.3.3 Floatation Reagents; 4.3.4 Floatation Machines; 4.4 Tertiary Crushing; 4.5 Postcalcination Screening and Grinding; References; 5 Calcination of Magnesium Hydroxide and Carbonate; 5.1 Calcination of Magnesite; 5.1.1 Energy Requirement for Calcination Process; 5.1.2 Effect of Time and Temperature
5.1.3 Kinetics of Calcination

Sommario/riassunto

A Complete Guide to Magnesia-From Mining to End UseOften relegated to footnote status in texts, magnesia is nevertheless a valuable substance widely used in applications ranging from wastewater treatment to catalysis. The Chemistry and Technology of Magnesia fills the long-standing gap in the literature with a comprehensive, one-stop reference to ""all things magnesia."The book brings together the many strands of information on magnesium compounds, their production, testing and evaluation, technology, applications, and markets. Opening with an introductory history of the chemi

2. Record Nr.	UNINA9910957006603321
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Titolo	Robert B. Heilman and Eric Voegelin : a friendship in letters, 1944-1984 // edited with an introduction by Charles R. Embry ; foreword by Champlin B. Heilman
Pubbl/distr/stampa	Columbia, : University of Missouri Press, c2004
ISBN	0-8262-6257-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (352 p.)
Collana	Eric Voegelin Institute series in political philosophy
Altri autori (Persone)	VoegelinEric <1901-1985.> EmbryCharles R. <1942->
Disciplina	320/.092/2
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- CONTENTS -- FOREWORD Champlin B. Heilman -- ACKNOWLEDGMENTS -- EDITORIAL NOTES -- INTRODUCTION -- The Friendship -- An Exemplary Year in the Correspondence -- DELIGHTFUL ACQUISITION Letters 1- 36, 1944- 1952 -- I. -- II. -- III. -- IV. -- V. -- VI. -- VII. -- WITH A HUMBLE REQUEST Letters 37- 57, 1952- 1955 -- PHILIA POLITIKE Letters 58- 87, 1956- 1959 -- HURRIED OVER THE FACE OF THE EARTH -- NOT A POSTSCRIPT AT ALL BUT A NEW ESSAY Letters 114- 29, 1969- 1972 -- WHAT WAS FORMED AT THAT TIME HOLDS TOGETHER Letters 130- 52, 1973- 1984 -- APPENDIX A Chronology of Letters and Locations -- APPENDIX B Number of Letters and Publications Referenced in Letters1 -- APPENDIX C Selected Enclosures in Various Letters -- INDEX.
Sommario/riassunto	This collection of letters exchanged between Robert B. Heilman and Eric Voegelin records a friendship that lasted more than forty years. These scholars, both giants in their own fields, shared news of family and events, academic gossip, personal and professional vicissitudes, academic successes, and, most important, ideas. Heilman and Voegelin first became acquainted around 1941, when Voegelin delivered a guest lecture for the political science department at Louisiana State University. At that time, Heilman was teaching in the English

department at LSU along with Robert Penn Warren and Cleanth Brooks. What began as simple exchanges after Voegelin moved to LSU soon grew into full-fledged correspondence beginning with an eight-page letter by Voegelin commenting on Heilman's manuscript on Shakespeare's King Lear. Their correspondence lasted until four months before Voegelin's death in January 1985. These letters represent Voegelin's most prolonged correspondence with a native-born American scholar and provide readers with an insight into Voegelin as a literary critic. While Voegelin's analysis of Henry James's *The Turn of the Screw* is well known, these letters reveal the context from which the analysis grew. Additional comments by Voegelin on Mann, Eliot, Shakespeare, Homer, Proust, Flaubert, and other significant writers are uncovered throughout his exchanges with Heilman. Readers will appreciate not only Heilman's elegant style but also his efforts to clarify for himself the meaning and implications of Voegelin's developing philosophy. Heilman's questions are often ones that readers of Voegelin continue to ask today. In his queries, as well as in the exposition of his theories of tragedy and melodrama, human nature, and expressionist drama, Heilman displays a canny perception of the philosophical issues and problems of modernity that sustained their interdisciplinary discussion. The letters exchanged by Robert B. Heilman and Eric Voegelin demonstrate the warm friendship these two scholars shared and illuminate many of the turns and transformations in their work as they developed as thinkers.
