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| Altri autori (Persone) | MeiJianping LiaoHsien-hsing |
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| Nota di contenuto | Contents; List of Contributors; 1 Introduction: Real Estate Analysis in a Dynamic Risk Environment; 1.1 Time-varying Risk Premium of Real Estate; 1.2 Short-term Price Behavior in Real Estate Securities Market; 1.3 How Real Estate Market Affects Financial Institutions 1.4 Analysis of Emerging Real Estate Market 1.5 Summary; References; 2 The Predictability of Returns on Equity REIT's and their Co-movement with Other Assets; 2.1 Introduction; 2.2 The Asset Pricing Framework; 2.3 The Estimation Procedure; 2.4 Data; 2.5 Empirical Results 2.6 Summary and Conclusions Acknowledgements; Appendix: Elaboration of the Estimation Procedure; References; 3 The Predictability of Real Estate Returns and Market Timing; 3.1 Introduction; 3.2 Method for Predicting Asset Returns; 3.3 Data; 3.4 Empirical Results 3.5 Summary and Conclusions Acknowledgements; Appendix: Elaboration of the Asset Pricing Framework and Estimation Procedure; References; 4 A Time-varying Risk Analysis of Equity and Real Estate Markets in the U.S. and Japan; 4.1 Introduction 4.2 The Basic Framework and Estimation Process 4.3 The Data; 4.4 Empirical Results; 4.5 Summary and Conclusions; Appendix: The |

Sommario/riassunto

Real estate finance is a fast-developing area where top quality research is in great demand. In the US, the real estate market is worth about US4 trillion, and the REITs market about US 200 billion; tens of thousands of real estate professionals are working in this area. The market overseas could be considerably larger, especially in Asia. Given the rapidly growing real estate securities industry, this book fills an important gap in current real estate research and teaching. It is an ideal reference for investment professionals as well as senior MBA and PhD students.

Contents:

2. Record Nr.

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Titolo

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Monografia

Part 1. Energy-efficient and Clean Metallurgical Technology -- Simplified Process for Making Anode Copper -- Techno-economic Analysis of Energy Recovery from Plastic Waste -- Development of Continuous Blast Furnace Slag Solidification Process for Coarse Aggregates -- An Innovative Oxygen-enriched Flash Smelting Technology for Lead Smelting and its Industrial Application -- Characteristics and Control Technology of Fine Particulate Matter (PM) of Iron Ore Sintering -- Sintering Bed Spraying Steam to Reduce NOx and Dioxin Emissions in Shougang -- Part 2. Simulation and Modeling of High Temperature Metallurgical Process -- Neural Prediction Model for Extraction of Germanium from Zinc Oxide Dust by Microwave Alkaline Roasting-Water Leaching -- Simulation of Velocity Field of Molten Steel in Electric Arc Furnace Steelmaking -- Thermodynamic Modelling of Magnesium, Calcium and Strontium-oxides Reduction Systems in Vacuum -- Metallization and Carburization Kinetics in DR Shaft Furnaces. The Metcarb Model -- CFD Modeling of Flow and Chemical Reactions in a Submerged Lance Copper Smelting Furnace -- Numerical Simulation of Ultrasound-Induced Cavitation Bubbling in a Calcium Ferrite Melt -- Part 3. Alloys and Materials Preparation -- Synthesis of Nanocrystalline Carbide Ceramics via Reduction of Anion-loaded Activated Carbon Precursors -- Production of Lithium-Ion Cathode Material for Automotive Batteries Using Melting Casting Process -- Part 4. Fundamental Research on High Temperature Metallurgical Processing -- Degradation Mechanisms of Refractories in a Bottom Blown Copper Smelting Furnace -- Reaction Routes of CaO-Fe2O3-TiO2 and Calcium Ferrite-TiO2 System in Continuous Heating Process -- Thermodynamic Calculations on Electric Furnace Smelting Separation of Chromium-bearing Vanadium Titanium Magnetite -- Preparation for High Activity Lime and its Effect on Desulfurization of Hot Metal Pretreatment -- Part 5. Extraction and Recovery of Metals -- An Industry Overlook of Secondary Lead Pyrometallurgical Processing -- Recovery of Aluminium and its Compounds with Hydro and Pyrometallurgical Methods from Non-metallic Residue -- Purification of Molten Zinc Chloride-Alkali Chloride by Cementation Reaction -- Thermodynamic Analysis of Smelting of Spent Catalysts for Recovery of Platinum Group Metals -- Preparation of Titanium Foams through Direct Electrolysis of the Sintered CaO-TiO2 in Molten Salt CaCl2 -- Experimental Study on Oxidative Desulfurization and Selective Reduction of Molten Copper Slag -- Recycling SiO2 and Al2O3 from the Metallurgical Slag of Nickel Laterite Ores in Molten Sodium Hydroxides -- Remove Sulfur in Copper Dross from Refining Lead by Converting Process -- Part 6. Treatment and Recycling of Metallurgical Slag/Solid Wastes -- Recovery of Fe-Cu Alloys from Copper Slags -- Physiochemical Properties of High Alumina Blast Furnace Slag -- Effect of Cooling Rate on the Acidolysis of Titania Slag -- Structural Analysis of Ge-containing Ferrous Calcium Silicate Magnesia Slag -- Applications of Black Copper Smelting -- Selective Recovery of P and Mn from Steelmaking Slag by Carbothermic Reduction -- The Use of Zirconia-based Solid Electrolytes Oxygen Sensor in High Titanium Slag -- In-situ Observation of the Precipitation Behavior of Dy2O3 Containing Slag System -- Recovery of Zn and Mn from Spent Alkaline Batteries -- Part 7. Ironmaking, Steelmaking and Casting -- Optimization of Exothermic Riser Sleeve Design Parameters -- Assessment of Gas-Slag-Metal Interaction during a Converter Steelmaking Process -- On the Role of Nb on the Texture and Mechanical Properties of a Novel As-rolled Medium Carbon Wear Resistant Slurry Pipeline Steel -- A Statistical Analysis of Process Abnormalities in Slab Casting -- Effect of Density Difference on Particle

Segregation Behaviors at Bell-less Top Blast Furnace with Parallel-type Hopper -- The Effect of Austenitizing Temperature on Hardenability, Precipitation and Mechanical Properties of Boron Bearing Cr-Mo Alloy Steel -- Part 8. Agglomeration and Direct Reduction of Complex Iron Ores -- Study on Direct Reduction Melting Separation-leaching Process of Disposal Rare Earth Composite Iron Ore -- Reduction Behavior of Garnierite Using Methane by Roasting-Magnetic Separation Method -- Effect of Calculation Method of CaO Addition on Liquid Phase Fluidity -- Effect of Carbon Coating on Magnetite Reduction -- Optimization Method for Iron Ore Blending Based on the Sintering Basic Characteristics of Blended Ore -- Study on Direct Reduction of Low-grade Iron Ore-coal Mini-pellets in Coal-based Rotary Kiln -- Part 9. Poster Session I -- Controlled Synthesis of TiC Nanoparticles Using Solid Oxide Membrane Technology in Molten CaCl₂ -- Effect of Chemical Components of Mould Flux on Dissolution Rate of Al₂O₃ into Molten Flux for High Manganese High Aluminum Steel -- Effect of Temperature on Oxidation Behavior of Cr-Mo-V Steel with Different Cr Contents for High-speed Train Brake Discs -- Electrochemical Preparation of Ti₅Si₃/TiC Composite from Titanium-rich Slag in Molten CaCl₂ -- Evolution of Al-Ti-Mg-O Inclusions during Refining and Casting Process of Interstitial Free Steel -- Experimental Study on Carburization of Higher Vanadium-bearing Hot Metal -- Hematite Precipitation from High Iron Solution in Hydrometallurgy Process -- Influence On The Crystallization Phase Of Mold Flux By Magnetic Fields -- Kinetics Study on Limestone Decomposition in Early Converter Slag -- Mathematical Modeling and Analysis of Converter Slagging and Steelmaking Process by Replacing Part of Lime With Limestone -- Research of Digital Platform and Process Guidance Model in EAF Steelmaking Process -- Research on Factors Affecting and Prediction Model of Silicon Content in Hot Metal of Corex -- Studied on the Cooling Effect of CO₂ on the Temperature of Vanadium in Converter -- Study on Grain Size and Porosity of the Produced Lime from Limestone in Early Converter Slag -- Study on Reducing Al₂O₃ Inclusions by Optimizing Refining Slag -- Study on the Volatilization of Sb₂S₃ in Vacuum -- The Effects of ZrO₂, Y₂O₃ and Sc₂O₃ on the Properties of Mould Fluxes for High Manganese High Aluminum Steels -- Thermogravimetric Analysis and Kinetic Study of the Calcification Roasting of Vanadium Slag -- Viscosity of Mould Flux under Electromagnetic Field -- Part 10. Poster Session II -- Analysis of Microwave Drying Behavior of Nickel Laterite -- Analysis of Operational Parameters Affecting Metallization Degree of DRI in Reduction Shaft of COREX Process and Improvement Measures -- Dechlorination of Zinc Oxide Dust by Microwave Rosating with RSM Optimization -- Effect of TiO₂ on the Viscous Behavior of High Alumina Blast Furnace Slag -- Fundamental Research on the Iron Nugget Process from Carbon Composite Pellet -- Influence of Coke Quality on Main Technical Indexes of Blast Furnace -- Kinetic Analysis of Blast Furnace Dust Recycling with Flash Reduction Process at High Temperature -- Preparation and Characterization of Iron-coke Briquette -- Preparation of Oxidized pellets with Chrome Ore -- Research and Application of Sintering Surface Steam Spraying Technology for Energy Saving and Quality Improvement -- Research on Bonding Mechanism of Sintering Grate -- Research on Optimizing Sinter Ore Matching Based on the High Temperature Characteristic Numbers -- Research on the Mineral Composition and Microstructure Changes of Iron Ore Sinter during the Gas-Solid Reduction -- Roasting Kinetics of Molybdenite Concentrates -- Study on Influences of Different Ti-bearing Materials on MgO-bearing Pellets Metallurgical Properties -- Supergravity Separation of Pb

and Sn from Waste Printed Circuit Boards -- The Effect of Temperature and Additive on Transport and Transformation of P of High-phosphorus Iron Ore during Carbothermic Reduction -- Thermodynamic Calculations on Direct Reduction of Chromium-bearing Vanadium Titanium Magnetite.

Sommario/riassunto

In recent years, global metallurgical industries have experienced fast and prosperous growth. High-temperature metallurgical technology is the backbone to support the technical, environmental, and economical needs for this growth. This collection features contributions covering the advancements and developments of new high-temperature metallurgical technologies and their applications to the areas of processing of minerals; extraction of metals; preparation of refractory and ceramic materials; sintering and synthesis of fine particles; treatment and recycling of slag and wastes; and saving of energy and protection of environment. The volume will have a broad impact on the academics and professionals serving the metallurgical industries around the world.