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Nota di contenuto	Cover; Title Page; Copyright Page; Preface; Organizing Committee; CONTENTS; I - PLENARY SESSION; Technology Commercialization in the New Millenium: Lessons from the Previous Millennium; The Importance of Recycling to the Environmental Profile of Metal Products; II - GENERAL RECYCLING; An Improved Non-Conventional Method for Obtaining Nuclear Pure Uranium Oxides and Uranium Tetrafluoride from Actual Mill Strip Solution; Processing of Televisions by Mechanical Separation Techniques: Implications for Future Work in Product Design and Recycling; III - SECONDARY LEAD Operations at the Doe Run Company's Buick Resource Recycling DivisionOperation of a High-Output, One-Pass Smelting System for Recycling Lead-Acid Batteries; Technology for Processing of Lead-Acid Batteries at Mulden-Hutten Recycling Und Umwelttechnik GmbH;

Recovery of Polypropylene from Lead-Acid Battery Scrap; Sulfur Injection to Remove Copper from Recycled Lead; Waste-Less Technology for Processing of Subgrade Lead Concentrates and Flotation Middlings Containing Precious Metals; Modernisation of the Lead Acid Battery Scrap Smelting Technology at "Orzel Bialy" S.A. Reduction of Lead in the Separator Fraction The Role of Electrochemistry at East Penn Manufacturing; Viscosity Measurements of Lead Slags; CTP's Experience in the Removal of Contaminants and Odors in the Recycling Industry - A New Process for Simultaneously Removing VOCs and Dioxins and Furans; IV - SECONDARY ZINC; The Need to Recycle Zinc: A Consideration of Public Perception, Politics and Competitiveness; Electrolytic Zinc Recovery in the EMEW® Cell; Zinc Recycling Via the Imperial Smelting Technology - Latest Developments and Possibilities
Dezincing of Zinc Coated Steel Scrap: Current Situation at Saint-Saulve Dezincing Plant of Compagnie Europeenne De Dezingage (C.E.D.) Recovery of Zinc from Zinc Ash and Flue Dust by Pyrometallurgical Processing; V - EAF DUST PROCESSING; Recovering Zinc and Lead from Electric Arc Furnace Dust: A Technology Status Report; The Current Status of Electric Arc Furnace Dust Recycling in North America; Reclamation of Valuable Metals from Hazardous Waste; Fundamental Study of Fe-Zn Intermetallic Compounds for Zinc Evaporation from Galvanized Steel Sheet
Characterisation and Removal of Halogens-in the EAF Dust and Zinc Oxide Fume Obtained from Thermal Treatment of EAF Dust Upgrading of EAF Dust by Injection into Iron and Steel Melts; Volatilization Kinetics of Zinc and Lead in Zn-Pb Bearing Dust Pellets Containing Carbon; Turning Blast Furnace Dust Into a Source of Zinc and Lead Units: A Progress Report on Testwork at Corus Ijmuiden; Recovery of Zinc Oxide from Secondary Raw Materials: New Developments of the Waelz Process; Operational Practice with the Waelz Kiln and Leaching Plant of TSU in Taiwan
Production of Crude Zinc Oxide from Steel Mill Waste Oxides Using a Rotary Hearth Furnace

Sommario/riassunto

This proceedings collection continues the tradition established by earlier TMS Recycling Meetings in this series by presenting fundamental and practical aspects of recycling metals and engineered materials.