

1. Record Nr.	UNINA990002802810403321
Autore	Learned, Edmund P.
Titolo	Problems of general management : business policy-a series casebook / Edmund P. Learned, C. Roland Christensen, Kenneth R. Andrews
Pubbl/distr/stampa	Homewood (Illinois) : Richard D. Irwin, c1961
Descrizione fisica	XII, 738 p. ; 23 cm
Altri autori (Persone)	Christensen, C. Ronald Andrews, Kenneth Richmond
Locazione	ECA
Collocazione	1-0-53 27-3-5 27-3-5-RA
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910583324103321
Titolo	Plastics to energy : fuel, chemicals, and sustainability implications / / edited by S. M. Al-Salem
Pubbl/distr/stampa	Oxford, United Kingdom ; ; Cambridge, MA : , : William Andrew, Applied Science Publishers, , [2019] ©2019
ISBN	0-12-813141-1 0-12-813140-3
Descrizione fisica	1 online resource (560 pages)
Collana	PDL handbook series
Disciplina	668.4
Soggetti	Plastics Plastic scrap Refuse and refuse disposal
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Front Cover -- Plastics to Energy -- Copyright Page -- Dedication -- Contents -- List of Contributors -- About the Authors -- Preface -- What Distinguishes This Book From Others Touching on the Topic at Hand? -- Recommendations for Incorporating This Book in Academic Curricula -- Acknowledgments -- Potential Impact of This Book -- I. Plastics and Plastic Solid Waste (PSW) -- 1 Introduction -- 1.1 Introductory Remark: Dependency on Plastics -- 1.2 The Nature of Plastics and Impact on Waste Management -- 1.3 Plastics and Polymers: Technical Aspects and Difference Between Both Terms -- 1.4 Sustainable Production of Polymeric Articles -- 1.5 History of Plastics to Fuel and Sustainability -- 1.6 Polymer Waste Generation/Collection Logistics and Socio-Economic Factors -- 1.7 Summary -- List of Abbreviations -- References -- Further Reading -- 2 Major Technologies Implemented for Chemicals and Fuel Recovery -- 2.1 Sources of Plastic Solid Waste -- 2.2 The Nature of Organic Waste -- 2.3 A Note on Logistics, Collection, and Generation -- 2.4 Plastic Solid Waste Management Hierarchy -- 2.5 Physical Treatment of Plastic Waste -- 2.6 Chemicals and Energy Production Technologies -- 2.6.1 Main Mechanisms of Degradation -- 2.6.2 Chemical Treatment of Pure

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