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Nota di contenuto	Cover; Title Page; Copyright; Contents; Author Biography; Preface; Chapter 1 History and Terminology; 1.1 Introduction; 1.2 Definitions and Terminology; 1.3 Precursors of Coal; 1.4 Coal-Forming Processes; 1.5 Heteroatoms in Coal; 1.5.1 Nitrogen; 1.5.2 Oxygen; 1.5.3 Sulfur; 1.5.4 Other Elements; 1.6 Physical Structure; 1.7 Petrology and Petrography; 1.7.1 Petrology; 1.7.2 Petrography; 1.7.3 Microlithotypes; 1.7.4 Inorganic Constituents; 1.7.5 Petrology, Petrography, and Behavior; 1.8 Coal and Coal Analysis; References; Chapter 2 Identification of Coal; 2.1 Introduction 2.2 Analytical Techniques 2.3 Standard Test Methods; 2.4 Coal Classification; 2.5 Use of Coal; 2.5.1 PreModern Use of Coal; 2.5.2 Modern Use of Coal; 2.6 The Future; References; Chapter 3 Sampling and Sample Preparation; 3.1 Introduction; 3.2 Sampling; 3.2.1 General Aspects; 3.2.2 Manual Sampling; 3.2.3 Mechanical Sampling; 3.3 Sample Preparation; 3.4 Washability; 3.5 Accuracy and Precision; 3.5.1 Accuracy; 3.5.2 Precision; 3.5.3 Repeatability; 3.5.4 Bias; 3.5.5 Method Validation; 3.6 Reporting Coal Analyses; 3.7 Interrelationships of the Data; References; Chapter 4 Mineral Matter 4.1 Introduction 4.2 Origin and Occurrence; 4.2.1 Origin; 4.2.2 Occurrence; 4.3 Mineral Types; 4.3.1 Clay Minerals; 4.3.2 Silicate

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