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Titolo	Clean coal technologies : beneficiation, utilization, transport phenomena and prospective / / Rajesh Kumar Jyothi and Pankaj Kumar Parhi (editors)
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Nota di contenuto	Natural dispersant in the stabilization of high concentration coal water slurry -- Synergestic effect of natural and synthetic mixed surfactant system in the stabilization of high concentration coal water slurry -- Effect of surfactants in the stabilization and transportation of fly ash-water slurry -- Bulk utilization of fly ash in mining sector -- Biodesulfurisation of coal using biotechnological approach, making coal a less harmful fuel -- Beneficiation of coal through combined Biological and Hydrometallurgical approaches: A prospective to produce quality, clean and less hazardous coal -- Biochar, Production for Green Environment.
Sommario/riassunto	This book presents the state of art of the several advanced approaches to beneficiation of coal. The influence of recent technology attains the advantages of processing coal, purification studies, rheological behavior, and the mineral beneficiation. The experts collected in this volume have contributed significantly to the enrichment in the in depth knowledge not only in context of working knowledge, but also future prospects of clean coal technology. Describes mineral beneficiation of coal through physical-chemical processes; Examines rheological behavior and pipeline transport of coal water slurry resulting in

reduction of overall transportation cost of coal; Illustrates synergistic effect of natural and synthetic mixed surfactant system in the stabilization of high concentration coal water slurry.