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Nota di contenuto	Contents; Preface; Acknowledgements; 1 The range and application of electrostatic precipitators; 2 Fundamental operation of an electrostatic precipitator; 3 Factors impinging on design and performance; 4 Mechanical features impacting on electrical operation; 5 Development of electrical energisation equipment; 6 Modern mains frequency energisation and control; 7 Alternative mains frequency energisation systems; 8 High frequency energisation systems; 9 The impact of electrical resistivity on precipitator performance and operating condition 10 'On-line' monitoring, fault finding and identificationIndex
Sommario/riassunto	The electrostatic precipitator remains on of the most cost effective means of controlling the emission of particulates from most industrial processes. This book will be of interest to both users and suppliers of electrostatic precipitators as well as advanced students on environmental based courses. The author identifies the physical and engineering basis for the development of electrical equipment for electrostatic precipitators and thoroughly explores the technological factors which optimize the efficiency of the precipitator and hence minimize emissions, as well as future developments in th

