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Aromatic Hydrocarbons; Dioxins; References; Bibliography; 7. Fluoride Removal; Introduction; Organofluorine Compounds; Fluoride Contamination of Water and Treatment; References; 8. Biodegradation of Pesticides; Introduction; Insecticides; Fungicides; Herbicides; References; Bibliography; 9. Degradation of Polymers; Introduction; Biodegradation; Conclusions; References; Bibliography; 10. Degradation of Dyes; Textile Dyes; Reactors; White Rot Fungi; Conclusions; References; Bibliography; 11. Textile Effluent; Physical Treatment Biodegradation Biosorption; Combined Treatments; Reactors; Conclusions; References; Bibliography; 12. Tannery Effluent; Biochemical Treatment; Chromium; Conclusions; References; Bibliography; 13. Treatment of Waste from Metal Processing and Electrochemical Industries; Mechanisms of Metal-Microorganism Interaction; Biosorption and Bioaccumulation; Bioprocesses and Reactors; Toxic Metals; Acid Mine Water; Plants; Conclusions; References; Bibliography; 14. Semiconductor Waste Treatment; Waste; Physical and Chemical Treatment Methods; Biochemical Methods; Biosorption; Conclusions; References  
15. Waste from Nuclear Plants Introduction; Waste Management; Bioremediation; Phytoremediation; Composting; References; Bibliography; 16. Cyanide Waste; Physical Processes; Bioprocess; Metal-Cyanide Effluent; Conclusions; References; Bibliography; 17. Treatment of Waste from Food and Dairy Industries; Introduction; Dairy Industry; Meat Processing Industry; General Treatment Methods; References; Bibliography; 18. Sugar and Distillery Waste; Alcohol Distillery Effluent; Treatment of Distillery Effluent; Indian Scene; International Status; Microorganisms; References; Bibliography  
19. Paper and Pulp

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#### Sommario/riassunto

With increasing government regulation of pollution, as well as willingness to levy punitive fines for transgressions, treatment of industrial waste is an important subject. This book is a single source of information on treatment procedures using biochemical means for all types of solid, liquid and gaseous contaminants generated by various chemical and allied industries. This book is intended for practicing environmental engineers and technologists from any industry as well as researchers and professors. The topics covered include the treatment of gaseous, liquid and solid waste

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