



Advanced physicochemical treatment processes /

Wang, Lawrence K.
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Monografía

Leading pollution control educators and practicing professionals describe how various combinations of different physicochemical treatment processes can be arranged to solve air, noise, and thermal pollution problems. In Advanced Physicochemical Treatment Processes, the authors discuss strategies for abating pollution by converting it into a less noxious form, using the most feasible technologies. Each chapter discusses in detail a variety of process combinations, along with technical and economic evaluations, and presents explanations of the principles behind the designs, as well as numerous variant designs useful to practicing engineers. The emphasis throughout is on developing the necessary engineering solutions from fundamental principles of chemistry, physics, and mathematics. The authors also include up-to-date references, cost data, design methods, guidance on the installation and operation of various process equipment and systems, and Best Available Technologies (BAT) for water pollution control, wastewater treatment, and water purification

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