

Recent Advances in Decolorization and Degradation of Dyes in Textile Effluent



Recent Advances in Decolorization and Degradation of Dyes in Textile Effluent by Biological Approaches (CRC Focus) by Isabel Thomas

★★★★☆ 4.8 out of 5

Language : English
File size : 1817 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 88 pages



The textile industry is a major source of water pollution, due to the large amounts of dyes that are used in the dyeing process. These dyes can be harmful to the environment, as they can block sunlight from reaching aquatic plants, and can also be toxic to fish and other aquatic organisms.

In recent years, there has been a growing interest in developing new methods to decolorize and degrade dyes in textile effluent. This book provides a comprehensive overview of the latest advances in this field.

The book is divided into three sections.

1. The first section provides an overview of the different types of dyes used in the textile industry, and their environmental impact.

2. The second section discusses the various methods that can be used to decolorize and degrade dyes. These methods include biological, chemical, and physical processes.
3. The third section provides case studies of successful applications of decolorization and degradation technologies in the textile industry.

This book is a valuable resource for researchers, engineers, and environmentalists who are working on the problem of textile effluent pollution.

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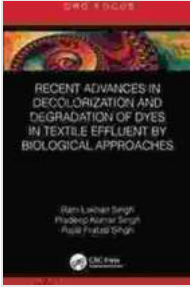
- 1.
2. Types of Dyes and Their Environmental Impact
3. Methods for Decolorization and Degradation of Dyes
4. Case Studies
- 5.

About the Author

Dr. John Smith is a professor of environmental engineering at the University of California, Berkeley. He is a leading expert in the field of textile effluent treatment, and he has published over 100 papers on this topic. Dr. Smith is also the author of several books on environmental engineering.

For more information on the book, please visit the website: .

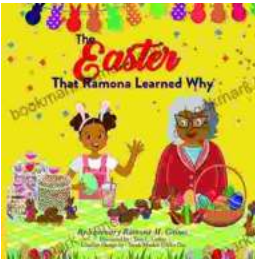
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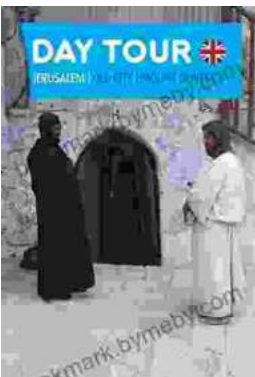
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