

# Table of Contents

## Forest Tree Biotechnology

J. F. D. Dean, P. R. LaFayette, K-E. L. Eriksson, S. A. Merkle . 1

## Microorganisms and Enzymes Involved in the Degradation of Plant Fiber Cell Walls

R. C. Kuhad, A. Singh, K.-E. L. Eriksson ..... 45

## Lignin

D.S. Argyropoulos, S.B. Menachem ..... 127

## Fungal Delignification and Biomechanical Pulping of Wood

M. Akhtar, R. A. Blanchette, T. K. Kirk. .... 159

## Solving Pitch Problems in Pulp and Paper Processes by the Use of Enzymes or Fungi

R. L. Farrell, K. Hata, M. B. Wall ..... 197

## Reduction of Organochlorine Compounds in Bleach Plant Effluents

P. Bajpai, P. K. Bajpai ..... 213

## Hemicellulases in the Bleaching of Chemical Pulps

A. Suurnäkki, M. Tenkanen, J. Buchert, L. Viikari ..... 261

## Using Enzymes in Pulp Bleaching: Mill Applications

J. S. Tolan, M. Guenette ..... 289

## Biotechnology for Solving Slime Problems in the Pulp and Paper Industry

S. C. Johnsrud ..... 311

Author Index Volumes 51 - 57 ..... 329

Subject Index ..... 333