

CONTENTS

| | Page |
|--|------|
| 1. The Chemistry of Blue Disperse Dyes, Past and Present | 1 |
| 2. molecular Modifications in the Development of Phenothiazine Dyes | 29 |
| 3. Molecular orbital Design, Synthesis and Characteristics of Functional Dyes for Electro-optical Applications | 61 |
| 4. An Approach to the Design of Nonmutagenic Azo Dyes: Analogues of the Mutagen 4-Amino-3-Methoxyazobenzene | 85 |
| 5. Anthranilic Acid: A Versatile Pigment Intermediate | 115 |
| 6. Evaluation of Dyes Submitted under the Toxic Substances Control Act New Chemicals Programme | 135 |
| 7. Reduction of Toxic Wastewaters in Disperse Azo Dye Manufacture | 151 |
| 8. The Cyanation of <i>o</i> -Halogenated Azo Dyes using Phase Transfer Catalysis | 169 |
| 9. Colorants for High Technology | 193 |
| 10. Two-Dimensional NMR Spectroscopy in the Analysis of Organic Dyes | 225 |
| 11. Colour and Constitution Relationship in Azoacetoacetanilide Pigments | 253 |