

CONTENTS

1. History of dyeing	1
2. General properties of fibres	12
3. Cotton and the chemistry of cellulose	33
4. Multicellular vegetable fibres	62
5. Animal fibres	70
6. Regenerated man – made fibres	103
7. Synthetic fibres	124
8. Water and water purification	150
9. Detergents and scouring	169
10. Bleaching	205
11. Unshrinkable and other finishes	241
12. Chemical constitution and colour, and classification of dyes	279
13. Dyeing machines	295
14. Basic dyes	325
15. Acid dyes	335
16. Direct dyes	364
17. Mordant dyes	392
18. Azoic dyes	410
19. Sulphur dyes	430
20. Vat dyes	441
21. Disperse dyes and dyeing cellulose acetate	473
22. Reactive dyes	489
23. Dyeing synthetic fibres	510
24. Dyeing materials containing mixtures of fibres	536
25. Testing dyed materials	552
26. Theory of colour and colorimetry	576
Appendix : Miscellaneous information and tables	602
Name index	613
Dyestuff index	617
General index	625