

CONTENTS

1. Electromagnetic radiation	1
2. Atomic and molecular spectra	21
3. Monochromators for the visible region	43
4. Molecular absorption spectrometry-Ultra-violet and visible	63
5. Infra-red spectrometry	93
6. Flame spectrometry	117
7. Electrical discharges	137
8. X-ray spectrometry	161
9. Activation analysis	189
10. Nuclear magnetic resonance spectrometry	211
11. Mass spectrometry	237
12. Concluding remarks	259