

**CONTENTS**

CHAPTER 1 The absorption of radiation by free atoms	13
CHAPTER 2 Absorption media	29
CHAPTER 3 Light sources	51
CHAPTER 4 Isolation and detection of radiation	65
CHAPTER 5 Instrumentation	71
CHAPTER 6 Sensitivity, precision and accuracy	80
CHAPTER 7 Experimental Techniques	88
CHAPTER 8 Analytical possibilities of atomic absorption flame spectrometry	103
CHAPTER 9 Applications	109