

CONTENTS

PART I FUNDAMENTALS AND INSTRUMENTATION

1. LIGHT SOURCES	3
2. EXCITATION SOURCES AND ATOMIZING SYSTEMS	5
3. OPTICS	18
4. DETECTOR SYSTEMS	20
5. DATA PROCESSING	22
6. COMPLETE INSTRUMENTS	23
7. ANCILLARY INFORMATION	24

PART II METHODOLOGY

1. GENERAL TECHNIQUES	42
2. APPLICATIONS	45