

CONTENTS

PART I : PHOTOCHEMICAL EQUIPMENT AND ACTINOMETERS

1. Apparatus for Photochemical Experimentation	3
2. Lasers in Analytical Chemistry	43
3. Analytical Methods and Techniques for Actinometry	91

PART II : USE OF PHOTOCHEMISTRY IN ANALYTICAL DETERMINATIONS

4. Analytical Methods Employing Photochemical Pretreatment	119
5. Photochemical Titrations	145

PART III : ANALYTICAL METHODS FOR THE STUDY OF PHOTOCHEMISTRY

6. Analytical Problems in the Study of Photochemical Reactions	167
7. Electrochemical and Other Analytical Methods for Flash-Photolysis Studies	213
8. Analytical Techniques for the Solid-State Photolysis of Coordination Compounds	237
9. Analytical Methods for Study of Photodegradation of Polymers	249