| •        |
|----------|
| CONTENTS |

| Contributors to Volume  | vi          |
|---|-------------|
| Preface   | vii         |
| by F. Scheinmann  |             |
| Foreword  | ix          |
| by H. SCHMID  |             |
| An Introduction to High Resolution Nuclear Magnetic Resonance Spectroscopy                                    | 1           |
| by J. FEENEY and S. M. WALKER   |             |
| Applications, of Nuclear Magnetic Resonance Spectroscopy in Organic Chemistry                                 | 41          |
| by J. A. ELVIDGE  |             |
| Correlation Tables for Nuclear Magnetic Resonance Spectra   | 59          |
| by P. W. HICKMOTT and O. METH-COHN  |             |
| Nuclear Magnetic Resonance Spectroscopy Seminar Problems and<br>Answers<br>by P. W. HICKMOTT and O. METH-COHN | 71 and 93   |
| The Theoretical Basis of Infrared Spectroscopy<br>by M. ST. C. FLETT  |             |
| Applications of Infrared Spectroscopy to Organic Chemistry<br>by G. EGLINTON                                  |             |
| Infrared Spectroscopic Problems and Answers<br>by R. K. SMALLEY and B. J. WAKEFIELD                           | 145 and 160 |
| Correlation Tables for Infrared Spectra<br>by R. K. Smalley and B. J. Wakefield                               |             |
| WavelengthWave Number Conversion Table  | 194         |
|   | 197         |