

CONTENTS

CHAPTER	PAGE
I INTRODUCTION	1
II THE IDENTIFICATION OF UNKNOWNNS	3
III PRELIMINARY EXAMINATION	17
IV THE DETERMINATION OF PHYSICAL PROPERTIES	19
V QUALITATIVE ANALYSIS FOR THE ELEMENTS	52
VI THE SOLUBILITY CLASSES	58
VII APPLICATION OF CLASSIFICATION TESTS	83
VIII THE PREPARATION OF DERIVATIVES	152
IX TABLES OF DERIVATIVES	218
X THE SEPARATION OF MIXTURES	280
XI THE INTERPRETATION OF EXPERIMENTAL DATA	300
XII PROBLEMS	311
APPENDIX	331
INDEX	337