

Contents

<i>Editors' Introduction</i>	xi
<i>Chapter 1.</i> Linear Free Energy Relationships as Tools for Investigating Chemical Similarity—Theory and Practice	1
<i>Svante Wold and Michael Sjöström</i>	
<i>Chapter 2.</i> The Brönsted Equation—Its First Half-Century	55
<i>R. P. Bell</i>	
<i>Chapter 3.</i> Theoretical Models for Interpreting Linear Correlations in Organic Chemistry	85
<i>Martin Godfrey</i>	
<i>Chapter 4.</i> Multiparameter Extensions of the Hammett Equation	119
<i>John Shorter</i>	
<i>Chapter 5.</i> Applications of Linear Free Energy Relationships to Polycyclic Arenes and to Heterocyclic Compounds	175
<i>M. Charton</i>	
<i>Chapter 6.</i> Substituent Effects in Olefinic Systems	269
<i>G. P. Ford, A. R. Katritzky, and R. D. Topsom</i>	
<i>Chapter 7.</i> The Correlation Analysis of Nucleophilicity	313
<i>Claude Duboc</i>	
<i>Chapter 8.</i> Correlation of nmr Chemical Shifts with Hammett σ Values and Analogous Parameters	357
<i>D. F. Ewing</i>	
<i>Chapter 9.</i> Recent Advances in Biochemical QSAR	397
<i>Corwin Hansch</i>	
<i>Chapter 10.</i> A Critical Compilation of Substituent Constants	439
<i>Otto Exner</i>	
<i>Index</i>	541