

Contents

Preface <i>Fernando Hitt, Guershon Harel, and Annie Selden</i>	vii
An Image of Calculus Reform: Students' Experiences of Harvard Calculus <i>Jon R. Star and John P. Smith III</i>	1
Effects of Concept-Based Instruction on Calculus Students' Acquisition of Conceptual Understanding and Procedural Skill <i>Kelly K. Chappell</i>	27
Constructing a Concept Image of Convergence of Sequences in the van Hiele Framework <i>Maria Ángeles Navarro and Pedro Pérez Carreras</i>	61
Developing and Assessing Specific Competencies in a First Course on Real Analysis <i>Niels Grønbæk and Carl Winsløw</i>	99
Introductory Complex Analysis at Two British Columbia Universities: The First Week - Complex Numbers <i>Peter Danenhowe</i>	139
Using Geometry to Teach and Learn Linear Algebra <i>Ghislaine Gueudet-Chartier</i>	171

Investigating and Teaching the Processes Used to Construct Proofs	197
<i>Keith Weber</i>	
The Transition to Independent Graduate Studies in Mathematics	233
<i>Janet Duffin and Adrian Simpson</i>	