

Contents

Introduction	ix
Note to Teachers	xi
Note to Students	xiii
1. Integrals: The Power of Positive Thinking	1
2. Differentiating Right From Wrong	5
3. More Integrals (That's About the Size of It)	9
4. Derivatives Again, and the Fine Art of Being Crude	19
5. Reducing to Special Cases	27
6. Dimensions	37
7. Symmetry (The Same Thing Over and Over)	45
8. The 'What Did You Expect?' Method	53
9. Some Common Errors	59
Suggested Reading	69