

# Contents

	PREFACE	<i>page</i>	iii
	HOW TO USE THIS BOOK		vi
Part I	Differentiating		
1	Speed		1
2	Speed at an Instant		6
	Questions (I)		16
Part II	Uses of Differentiation		
3	Rates of Change		22
4	Greatest and Least Values		25
	Questions (II)		32
Part III	Integrating		
5	From Derivative to Function		36
6	Areas and Volumes		45
	Questions (III)		55
Part IV	Consolidation Exercises		61
Part V	Reference Section		
	BACKGROUND AND MATHEMATICAL NOTES		73
	ANSWERS AND HINTS		91