## TABLE OF CONTENTS

Preface		i
	PART I. GENERAL DISCUSSION	
1.	Thoughts on Mathematics and the Behavioral Sciences	1
2.	Thinking with Models	31
3.	Planning and Decisions	51
	PART II. GLIMPSES OF EIGHT CENTRAL TOPICS	
4.	Allocation and Optimization	74
5.	Conflict Resolution	122
6.	Scheduling Tasks to Machines	172
7.	Flow and Synthesis Problems in Networks	198
8.	Inventory Control	224
9.	Queues and Congestions	237
LO.	Reliability, Maintenance and Renewals	2 <b>72</b>
11.	Search	294
	PART III. SOME STRUCTURED AND UNSTRUCTURED PROBLEMS	
12.	Algorithms	309
L3.	The Traveling Salesman Problem	334
L4.	Arborescences and Questionnaires	359
15.	Epidemics and Stochastic Barriers	380
16.	An Example of a Broad Look at a System	399
17.	Impact of Thermal Energy Storage on Power System Planning and Operation	423
L8.	Parking at an Aircraft Terminal	452