Contents

v	9 Tubular Processing of Glomerular Ultrafiltrate: Mechanisms of Electrolyte and Water Transport
vii	
xi	10 Tubular Reabsorption and Secretion: Classification Based on Overall Clearance Measurements
1	
0	11 Regulation of Acid-Base Balance240
	12 Mechanism of Concentration and Dilution
	of Urine270
21	13 Renal Regulation of Extracellular Volume and Osmolality
41	
53	Appendices
73	A Introduction to Quantitative Description of Biological Control Systems353
	B Mathematical Basis of Dilution Principle 36
	C Anatomical Nomenclatures370
	Answers to Problems
112	Index375
	1 8 21 41 53 73