TABLE OF CONTENTS

Foreword	p.	9
1. Different Historical Frameworks for the Emergence of		
Thermodynamics	p.	31
PART I: Two Pathways to Thermodynamics		
2. On the First Pathway: Discrete and Continuous		
Theoretical Models	p.	57
3. Swinging between Mechanical Models and Probability	p.	85
4. On the Second Pathway: the Theoretical Physics of	Г	
Engineers	p.	107
5. Further Developments along the Second Pathway	p.	129
PART II: Duhem's Third Pathway		
6. From Thermodynamic Potentials to "General Equations"	p.	149
7. The generalised Mechanics of a "Complex System"	p.	167
8. Structural Analogies	p.	185
9. Towards a General Theory of Transformations	p.	209
10. The Re-emergence of an Ancient Tradition	p.	223
	Γ.	
Afterword - Unearthing a Buried Memory	p.	241
Bibliography	n	265
Index	p.	279
	p.	219