

Contents

1	Thermodynamics: Founders and Flounders	1
2	Cracks Appear in Classical Physics	11
3	It's About Time and Space	17
4	Space Becomes Curved	33
5	Kilns and Quanta	44
6	The Hydrogen Atom: Plum-pudding or Planet	60
7	Action in Physics: The Old Quantum Theory	84
8	Particles are Waves are Particles	92
9	Schrödinger Makes Waves	104
10	Boys' Physics and Quantum Jumping	113
11	Matrix Mechanics is Born	126
12	The Purest Soul's Beautiful Quantum Mechanics	137
13	Quantum Mechanics is Complete	153
14	The Electron Spins	177
	Index	195