## List of Figures

1.	Diagram of a Cycle	11
2.	The 9.6-Year Cycle in Lynx Abundance, 1735-1969	25
3.	The 9.6-Year Cycle in Atlantic Salmon Abundance, 1880-	
	1956	27
4.	Cycles in Brain Waves	34
5.	A Grid for Recording Your Emotions	41
6.	Lines of Force of a Bar Magnet	54
7.	Mass Human Excitability, 500 B.CA.D. 1922	60–61
8.	Presbyterian Church New Membership, 1826-1948	63
9.	Congregational Church New Membership, 1861-1950	65
10.	The Cycle of Guilt, 1823–1954	67
11.	The 18.2-Year Cycle in Marriage Rates in the United	
	States, 1869-1951	69
12.	The 8.9-Year Cycle in Death Rates in Massachusetts,	
	1865–1961	69
13.	The 18.2-Year Cycle of Immigration into the United	
	States, 1824–1950	71
14.	Annual Cycles of Crime	72
15.	Is This a Clue to Our Mystery?	74
16.	The 6-Year Cycle in General Electric Orders Received,	
	1896–1946	81
17.	The 51/2-Year Cycle in Airplane Traffic, 1930–1955	82
18.	The 6.4-Year Rhythm in Aluminum Production, 1885-	
	1962	84

x	/	CYCLES:	The	Mysterious	Forces	That	Trigger	Events
---	---	---------	-----	------------	--------	------	---------	--------

19.	The 181/3-Year Cycle in Real-Estate Activity, 1795–1958	8
20.	The 8-Year Cycle in Cigarette Production, 1879–1958	86
21.	The 6-Year Cycle in Steel Production, 1874–1947	87
22.	The 33-Month Cycle in Residential Building Construc-	
	tion, 1920–1955	88
23.	The 9.6-Year Cycle in Wheat Acreage Harvested, 1868-	
	1947	89
24.	The 9-Year Cycle in Life-Insurance Sales, 1858–1962	90
25.	The 9.18-Month Cycle in Ton-Miles, Canadian Pacific	
	Railway, 1903–1948	91
26.	Benner's 9-Year Cycle in Pig-Iron Prices, 1834–1900	95
27.	The 54-Year Cycle in European Wheat Prices, 1513-1856	97
28.	The 31/9-Year Cycle in Corn Prices, 1860–1948	99
29.	The 173/4-Year Cycle in Cotton Prices, 1740–1945	100
30.	The 162/3-Year Cycle in English Wrought-Iron Prices,	
	1288–1908	101
31.	The 173/4-Year Cycle in Pig-Iron Prices, 1872-1950	102
32.	The Price of Oats, 1950–1959	105
33.	A Stock-Market Forecast	112
34.	Trends and Cycles	115
35.	Three Cycles and Their Combination	116
36.	The Individuality of Stocks	117
37.	The 9.2-Year Cycle in Stock Prices, 1830–1966	119
38.	The 41-Month Rhythm in Stock Prices, 1868–1945	122
39.	The 41-Month Rhythm, Upside Down, 1946–1957	123
<b>40</b> .	The 7.6-Year Cycle in New York's Barometric Pressure,	
	1874–1967	131
41.	The 4.33-Year Cycle in Philadelphia's Precipitation,	
	1820–1960	135
42.	The 4.33-Year Cycle in Baltimore's Precipitation, 1820-	
	1960	135
43.	Wheeler's Phases in Climate	137
44.	Earthquakes and Sunspots, 1829–1896	141
<b>45</b> .	The 142-Year Cycle in International Battles, 1050–1915	151
46.		-153
47.	The 221/5-Year Cycle in International Battles, 1415-	
		-153
48.	The 11½-Year Cycle in International Battles, 1760–1947	154
49.	The War Cycles, Combined, 1930–1970	155
50.	Index of International Battles, 1820–1958	156
JU.	mues of international battles, 1040–1330	100

## List of Figures / xi

51.	Electromagnetic Wave Spectrum	162-163
52.	Average Annual Sunspot Numbers, 1700–1968	165
53.	Sunspots and Terrestrial Magnetism, 1835–1930	165
<b>54</b> .	Sunspots and Manufacturing, 1875–1931	166
<b>55.</b>	The Double Sunspot Cycle, 1700–1968	169
<b>56.</b>	Abbot's Cycle of St. Louis Precipitation, 1860–1887	171
57.	Various Other Weather Cycles, 1934–1939	172
58.	Solar Radiation at Calama, Chile, April 1920	173
<b>5</b> 9.	A Cycle in a Variable Star, 1922–1930	179
60.	A Cycle in a Quasar	181
61.	Planetary Relationships	183
62.	The 5.91-Year Cycles on Parade	191
63.	The 8-Year Cycles on Parade	192-193
64.	The 9.2-Year Cycles on Parade	194
65.	The 9.6-Year Cycles on Parade	195
<b>6</b> 6.	The 18.2-Year Cycles on Parade	196