

Contents

List of Figures	xviii
List of Tables	xxvii
Foreword	xxxii
William Fung	
Acknowledgments	xxxiii
Preface	xxxiv

1 What Is a Hedge Fund?	1
1 General definition of hedge funds	1
2 Hedge funds over time	5
2.1 The origin of hedge funds	6
2.2 The growth of the industry from 1949 until today	8
2.3 Breakdown of the industry into investment strategies	12
3 Hedge funds around the world	14
3.1 Hedge funds in the United States and Canada	18
3.1.1 American hedge fund development	19
3.1.2 American hedge fund investment strategy	20
3.1.3 American hedge fund mandate	21
3.1.4 Canada	23
3.2 Hedge funds in Europe	24
3.2.1 Development	24
3.2.2 European hedge fund development	24
3.2.3 European hedge fund investment strategies	25
3.2.4 European hedge fund mandate	25
3.2.5 European hedge fund localization	26
3.2.6 Characteristics of the industry	28
3.2.7 Perspectives	29
3.3 Hedge funds in Asia	29
3.3.1 The development of Asian hedge funds	29
3.3.2 Asian hedge fund investment strategy	31
3.3.3 Asian hedge fund mandate	32
3.3.4 Asian hedge fund localization	32
3.3.5 Hedge funds in Australia: an exception	33
3.4 Hedge fund development in Eastern Europe	34
3.4.1 Eastern European hedge fund localization	36

36	3.4.2	Eastern European hedge fund investment strategies
37	3.5	Hedge funds in Latin America
37	3.5.1	Hedge fund development in Latin America
40	3.5.2	Latin American hedge fund investment strategies
40	3.6	Future perspective of the industry
45	4	A few big names from the hedge fund industry
45	4.1	George Soros
46	4.2	Julian Robertson
48	4.3	Michael Steinhardt
48	4.4	John Paulson
49	4.5	Louis Bacon
50	4.6	Paul Tudor Jones II
50	4.7	Bruce Kovner
51	4.8	Steve Cohen
53	4.9	Alan Howard
53	4.10	Stephen Feinberg
54	5	Summary
55	2	Hedge Fund Characteristics
55	1	Database providers
57	1.1	The indices – classifications
58	1.1.1	Morningstar CISDM
58	1.1.2	Hedge Fund Research
59	1.1.3	Dow Jones Credit Suisse
63	1.1.4	Eurekahedge
63	1.1.5	Greenwich Alternative
64	1.1.6	eInvestment
64	1.1.7	BarclayHedge
65	1.2	The indices – daily indices
65	2	Constitution of a hedge fund
65	2.1	Definition of the fund objective
66	2.2	Investment strategy
66	2.3	Risk profile
67	2.4	Risk selection techniques
68	2.5	Manager
69	2.6	Management methodology
71	2.7	Fund domicile
72	2.8	Distribution
73	3	The structure of a hedge fund
75	4	Hedge funds and risk
76	4.1	Investment risk
76	4.2	Model risk

77	4.3	Manager and industry risk
78	4.4	Portfolio construction risk
79	4.5	Pricing risk
81	4.6	Infrastructure and legal risk
82	4.7	Counterparty risk
82	4.8	The risk of default
83	4.9	The liquidity risk
83	4.10	Operational risk
88	5	Hedge fund investors
88	5.1	Typical investors
90	5.2	Institutional investors
94	6	The constraints
94	6.1	Minimum investment
94	6.2	Liquidity constraints
98	6.3	The limit of total assets under management
98	7	The fees
99	7.1	The classic fee model
101	7.2	High-water mark and the hurdle rate
103	7.3	Fee illustration
104	7.4	Equalization or series of shares
106	8	Short selling
108	9	Leverage
109	10	Gross and net exposition
113	11	Active trading
114	12	Other characteristics of the hedge fund industry
114	12.1	The size of the funds
116	12.2	Common characteristics
116	12.3	The use of leverage
116	12.4	A typical hedge fund
118	12.5	Hedge funds and investment products
118	12.6	The dissolution rate
119	13	Hedge funds and other alternative investment products
120	14	The strengths and weaknesses of hedge funds
120	14.1	The strengths
121	14.1.1	Flexibility of techniques
121	14.1.2	Co-investment by the fund manager
121	14.1.3	Managers' capabilities
121	14.1.4	Absolute return objective
122	14.1.5	Low correlation with classic investment products
122	14.2	The weaknesses
122	14.2.1	High attrition rate

122	14.2.2	Lack of information
123	14.2.3	Limited liquidity
124	14.2.4	A complex and expensive fee structure
124	14.2.5	Specific risks
124	14.2.6	Legal constraints
124	15	Comparison between funds and managed accounts
125	16	Replication
126	17	New structures
126	17.1	Listed funds
127	17.2	Structured products
131	17.3	Investable indices
133	18	Summary
135	3	Investment Strategies
136	1	General classification
137	2	Equity market neutral
137	2.1	Methodology
140	2.2	Definition of neutrality
144	2.3	Quantitatively managed funds
145	2.4	Risk management
145	2.5	Illustration
145	2.5.1	Theoretical illustration
147	2.5.2	Practical example: Career Education Corporation and Apollo Group
147	2.5.3	Example: Daimler-Chrysler AG and Ingersoll-Rand Company
148	2.5.4	TJX Companies and Whole Foods Market, Inc.
149	2.6	Advantages and drawbacks
151	2.7	Performance
156	3	Relative value
156	3.1	Methodology
157	3.1.1	Pair trading
158	3.1.2	Option trading and warrants
158	3.1.3	Capital structure arbitrage
158	3.2	Fixed income arbitrage
162	3.2.1	Risk management
163	3.3	Illustration
163	3.3.1	Relative value – theoretical illustration
164	3.3.2	Relative value – Verizon Communications, Inc.
166	3.3.3	Fixed income arbitrage – Treasury bond
167	3.4	Advantages and drawbacks
168	3.5	Performance
170	4	Mortgage-backed securities
170	4.1	The securities

4.2	Methodology	174
4.3	Risk management	175
4.4	Illustration	175
4.5	Advantages and drawbacks	176
4.6	Performance	178
5	Convertible arbitrage	181
5.1	Principles	181
5.2	Methodology: approach	182
5.2.1	Markets	182
5.2.2	Tools	182
5.2.3	Hedging	183
5.2.4	Arbitrage	184
5.3	Methodology: investment strategy	184
5.4	Specific risks	186
5.5	Illustration	187
5.5.1	Seagate Technology	187
5.5.2	BRE Properties	188
5.5.3	TEVA Pharmaceuticals	188
5.6	Advantages and drawbacks	188
5.7	Performance	189
5.8	Convertibles in 2004 and synthetic convertibles	192
6	Event driven	194
6.1	Methodology	195
6.2	Special situations	197
6.3	Activists	197
6.4	Illustrations	203
6.4.1	New Skies Technologies	203
6.4.2	Cumulus Media	204
6.4.3	Eletrobras	205
6.5	Advantages and drawbacks	207
6.6	Performance	207
7	Merger arbitrage	209
7.1	Methodology	209
7.2	Illustrations	212
7.2.1	Counterbids: Alcan/Rio Tinto	212
7.2.2	Counterbid: Graham Packaging/Reynolds Group	213
7.2.3	Cash deal: Redcard/Itaú	214
7.2.4	Stock-for-stock merger: Giralta Resources/Atlas Iron	215
7.2.5	Unsuccessful deal: Rhoen-Klinikum/Fresenius	219
7.3	Advantages and drawbacks	220
7.4	Performance	221