

Index

- abnormal returns 249–51, 254–7, 384–6, 450–2, 575–80, 608
- Abreu, D. 504
- absence of evidence, evidence of absence 227
- absolute alpha 240–6, 489–91
see also alpha
- absolute returns 240–6, 296–7, 469, 489–91
see also returns
- absolute-value contrasts, sector-relative factors 399–403
- absolute/relative concepts, happiness 656, 665
- Abu Ghraib 599, 601–3
- accounting regimes
bubbles 466
sector-relative factors 395–6, 398–403
unconscious biases 612, 622–8
- accruals, cash flows 489–90
- accuracy factors
confidence 528
information 135–7
- Ackert, L.F. 513–14
- acquisitions, learning from mistakes 65–7
- actions, corporate managers 355–65
- active fund managers 119–20, 225–33, 238–46, 373–4, 419, 489
see also fund managers; stock pickers
efficient markets 119–20, 225–7
performance issues 225–33, 373–4, 419
- active share
average/aggregate active share 231–2
concepts 225, 227–33
definition 227
persistence levels 231–2
statistics 227–33
- activism, shareholders 607–8
- actor/observer bias *see* fundamental attribution error
- acts of omission, unethical behaviour 628–9
- addicted persons 47–53
see also drug...
- ADHD (attention deficit hyperactivity disorder) 179–86, 367
- advantageous comparisons, moral-disengagement factors 608–9
- Africa 168
- agency issues, principal–agent problems 284–5
- agriculture 591
see also commodities
- Aklerof, George 431
- alcoholics 47–50
see also drug...
- Alexander, Michael 566–7
- allure of growth 189–96
see also stories
- alphas
see also information ratios
alternative investments 245
arbitrage 221
bubbles 469, 489–91
change needs 235–46
cheap countries 410, 419–21
concepts 183–5, 221, 225–33, 235–46, 267, 299, 333–6, 383–5, 410, 419–21, 425–35, 469, 489–91
critique 425–35
fund managers 183–5, 221, 228–9, 235–46, 267, 299, 383–5
hedge funds 245, 343–4, 433–4, 489
quant models 267
statistics 228–9, 299, 333–6, 383–6
zero sum games 241–2
- alternative investments
see also commodities; hedge funds
alphas 245
critique 245, 587–96
returns 587–96
risks 587–96
- Altman's Z-scores 449–50, 461–2, 478–80, 489
- altruism, happiness 652–3
- Amazon 165
- ambiguity-aversion bias 20
- AMEX 428
- amnesics, cognitive dissonance 585–6

- amphetamines 47
see also drug...
- amygdala 6, 9
- analysts 106–19, 121, 123–30, 174–5, 179–86,
 282–4, 286–7, 307, 315–17, 367–74, 459,
 521–8
 belief bias 521–8
 conflicts of interest bias 611–12, 621–2
 favoured stocks 123–4, 127–30, 521
 forecasts 106–19, 121, 129–30, 283–4, 307,
 315–17, 330, 459
 short-termism 174–5, 179–86, 282–3, 293,
 297–300, 367–74, 459
 valuation methods 123–30, 288
- anatomy of value 310–12
- anchoring/saliency bias
see also heuristic-simplification bias
 concepts 20, 25–7, 87–92, 99–100, 105–6, 120,
 168, 211–13, 239, 288–9, 499–500, 509–10,
 516–17, 627
 dividends 100, 288–9
 examples 25–7, 87–92, 99–100, 105–6, 120, 168,
 288–9, 627
 group-based decisions (wrath) 211–13
 legal experts 99–100, 120
 test 87, 120
- anger 6–7
see also emotions
- announcements
 dividend payments 23, 37–8
 share repurchases 532–3, 543–7, 551–2
- anterior cingulate cortex 6, 300
- Antrim, Minna 76
- Antunes, Rui 307–28, 329–36, 407–8, 429, 551–2
- APT (arbitrage pricing theory) 432
- arbitrage 221, 286–7, 367–74, 375, 377–86,
 428–31, 432, 504–5
 alphas 221
 betas 428–31
 big picture 377
 bonds 441–2
 critique 221, 286–7, 367–74, 375, 377–86, 504
 growth investors 380–3
 near-rational bubbles 504–5
 value added 369–74
 value investors 377–86
- arbitrage pricing theory (APT) 432
- arbitrary bubbles 497–8
see also bubbles
- Ariely *et al* 26–7, 37, 42–4, 635–8
- Arnott, Rob 429–30, 433
- Arthur Andersen 622
- Ashenfelter *et al* 263–5
- Ashraf *et al* 650, 653
- Asness *et al* 245, 383, 397–8, 405, 407–8
- Aspirations Index 657–60
- asset allocations 209–15, 235–46, 261, 431–2,
 471–91
see also strategic...; tactical...
 bubbles 487–91
- asset fire sales, bubbles 480–1
- asset price bubbles *see* bubbles
- asset-allocation committees
see also group...
 critique 209–15
- assimilation bias
 capital punishment 148–9
 concepts 19–21, 148–51
 examples 148–51
- attention deficit disorder 655, 661
- attention deficit hyperactivity disorder (ADHD)
 179–86, 367
- audio tests, lie-detection experiments 153–4, 156
- auditors, unconscious biases 612, 622–8
- Australia 430, 605
- Austria 257, 605
- authority figures
 electric-shock experiments 151–3, 599, 604–8
 obedience tendencies 143, 151–3, 292, 599,
 604–8
- availability bias 20, 293, 301
- avarice, seven sins 97, 101, 177–86
- backward induction 164–5
- backwardation 588, 591–5
- bad behaviour 75, 151–3, 463, 466–7, 482–3,
 599–609, 627–9
 Abu Ghraib 599, 601–3
 concepts 151–3, 599–609, 627–9
 corporate malfeasance 75, 153, 463, 466–7,
 482–3, 599, 601–9
 dissenting voices 606–7, 629
 electric-shock experiments 151–3, 599, 604–8
 ethics 608–9, 627–9
 fundamental attribution error 152–3, 599, 601–9
 groups 608–9, 611–12, 619–20
 Milgram's experiments 151–3, 599, 604–8
 moral-disengagement factors 608–9, 627–9
 situational/dispositional perspectives 601–9,
 628–9
 USA 601–9
 Zimbardo's prison experiment 602–3
- bad years 240–1, 271, 278, 295, 296–7, 337–8,
 344–5, 367, 388, 393
- balance sheets 271, 275–6, 435–6, 469, 489–91
- balanced funds
 change needs 235–46
 critique 244–5
- Bali *et al* 355–64
- Bandura, Albert 608–9
- bargain hunters 307–28, 337–53
- Barra values 228
- basal ganglia 6, 14, 298
- basketball players, incentives 640
- Basle agreement 439
- bathroom scales, feedback distortions 63–4, 72–6

- Baumeister, R.F. 11–13
 Bayes' theorem 93, 116, 509
 Bazerman, Max 65, 611
 bear markets 57, 235, 239–42, 252–4, 261, 279, 426, 435, 463–7, 469, 483–8, 495, 506, 507, 514–17, 570–1
 'beating the gun' difficulties 161–75, 182–3, 185–6, 241, 497
 beauty contest analogy
 investor behaviour 90–2, 101, 161–75, 440–1
 strategic thinking 165–75, 440–1
 Bebchuk, L.A. 608
 Bechara *et al* 49–53, 66–7, 447–8
 BEER 488
 behaviour contrasts, knowledge 293, 295–6
 behavioural activities, happiness 647, 652–3
 behavioural economics
 historical background 281
 incentives 631–43
 behavioural errors 289, 360–1
Behavioural Finance Compendium 49
 behavioural psychology 25, 71–6, 293–304, 359–60, 447
 see also psychology
 bad behaviour 75, 151–3, 463, 466–7, 482–3, 599–609, 627–9
 hindsight bias 25
 behavioural stumbling blocks, value investors 293–304
 behaviouralism 71–2
 Beilock *et al* 641–3
 Belgium 247, 257, 409
 belief bias
 concepts 521–8
 definition 521, 523
 System X 524–8
 Zen of investing 521–2, 528
 beliefs
 Cartesian systems 197, 199–205
 cognitive dissonance 19–21, 581–6
 concepts 19–21, 197–205, 521–8, 581–6
 corrected beliefs 197, 200–5
 distractions 197–8, 200–5
 empirical evidence 200–3
 exclusion strategy 198, 204–5
 exposure controls 198, 204–5
 false beliefs 197–205
 libraries 200
 myths 199, 519–96
 naïve beliefs 203–5
 philosophy 197–205
 Spinozan systems 197–205
 testing structures 200–1
 unbelieving strategy 197–8, 204–5
 understanding 197–205
 valid beliefs 523–4
 believing everything you read (sloth), seven sins 97, 101, 187–205
 benchmarking 102, 179, 181–4, 221, 225–33, 240–6, 274–5, 393, 429–30, 484
 see also indexing; passive investing
 change needs 240–6
 peer groups 484
 Bernanke, Ben 55, 57, 61
 Bernstein, Richard 252–3
 Bertrand, M. 618–19
 best value investors 183–4, 271–8, 293–304, 375–86
 see also successful investors
 bad years 271, 278, 295, 296–7, 337–8, 344–5
 behavioural stumbling blocks 293–304
 business risks 271, 275–6, 295
 cash holdings 271, 276–7, 295
 closed funds 272, 278, 295
 concepts 183–4, 271–8, 293–304
 highly concentrated portfolios 271, 273–6, 295
 information 271, 274–5, 276, 295
 key traits 271–8, 295
 profit margins 271, 275–6, 295, 449–50
 time horizons 271, 277, 293, 295, 297–300, 375–6
 betas 219, 222, 230–1, 245, 291, 333–6, 346–9, 355–6, 361–4, 410, 419–21, 425–35, 445–52
 see also volatility
 arbitrage 428–31
 cheap countries 410, 419–21
 critique 219, 222, 230–1, 291, 355–6, 361–4, 425–35
 fund management groups 231
 hedge funds 245, 433–4, 589
 net equity issuance 355–6, 361–4
 returns 428–35
 risks 425–6, 428–35, 445–52
 statistics 231, 333–6, 346–9, 410, 419–21, 428–35
 Bhattacharya, U. 230
 biases 17–36, 44–6, 63–76, 99–215, 521–8, 601–9, 611–29
 see also heuristic-simplification...; *individual biases*; self-deception...
 auditors 612, 622–8
 concepts 17, 19–46, 63–76, 509–17, 521–8, 601–9, 611–29
 conflicts of interest bias 611–12, 621–7
 corporate managers 143–57, 459
 definition 19
 empathy gaps 37–46
 ethics 611–29
 fund managers 79–94, 99–215, 521–8
 fundamental attribution error 152–3, 599, 601–9
 groups 209–15, 619–20
 impact bias 37–46
 in-group bias 611–12, 619–20
 overclaiming credit 611–12, 620–1
 rebias considerations 36
 reduction techniques 24, 44–6, 63–4, 69, 76, 102, 106, 219–22, 611, 629

680 Index

- biases (*Cont.*)
 self-vs-others perceptions 19, 35, 44
 seven sins of fund managers 95–215
 susceptibilities 19–21
 test 79–94, 109–10, 120
 types 19–20, 617–29
 unconscious biases 611, 615, 617–29
 veil of ignorance 629
 written records 24, 63–4, 69–70, 76
- big picture, arbitrage 377
- bills of exchange 465
- bipolar disorder (manic depression) 275
- ‘black box’ terminology, quant models 260, 269
- blood donors
 good intentions 303–4
 incentives 638–9
- Bloomberg 254
- the body
 the brain 7, 85–6
 emotions 7
- Bogle, John 181, 277
- bonds 107–9, 238–42, 280, 290, 362–3, 431, 441–2,
 462–3, 465, 469–91, 499, 573–80
see also debt
 arbitrage 441–2
 default premiums 362–3
 economic cycles 576–80
 equities 239, 241, 280, 290, 431, 462–3, 469–91,
 499, 573–80
 forecasts 107–9
 returns 238–40, 241, 462–3, 487–8, 573–80
- bookmakers’ experiment, illusion of knowledge
 20–1, 133, 135–7
- booms
see also bubbles
 concepts 455–67, 469–91, 493–506
- Boorstin, Daniel 20, 135
- Bordeaux wines, quant models 259, 263–5
- borderline mental disorder 655, 661
- Bordia, P. 192–3
- bottom-up value opportunities 290, 393
- bounded awareness 199
- bounded ethicality, concepts 611–12, 617–27
- bounded rationality, concepts 168–75, 611–12,
 617–27
- the brain
 beliefs/understanding 197–205
 the body 7, 85–6
 damage 7–11, 47–53, 262, 447, 616–17
 emotions 6–11, 13–15, 75–6, 85–6, 297–300, 527
 plasticity 15
 quant models 262
 reasoning systems 5–7, 75–6, 85–6, 297–300,
 445, 527
 working memory 631, 640–3
- The Brandes Institute 274–5, 367, 370–2
- breadth of call
 concepts 242–5
 definition 242
- British railway boom 466, 507
- Brunnermeier, M. 504
- bubbles 25, 55, 59–61, 70, 164–5, 274, 278, 342–3,
 395–7, 439, 455–67, 469–91, 493–506, 507–17
 alphas 469, 489–91
 arbitrary bubbles 497–8
 asset allocations 487–91
 asset fire sales 480–1
 balance sheets 469, 489–91
 capital expenditure 481–3, 490–1
 cash flows 478–83
 causes 455, 457, 466–7, 471–6
 composite bubbles 500–3
 concepts 455–67, 469–91, 493–506, 507–17
 credit-creation stage 455, 457–9, 473–6
 critical stage 455, 457, 459–63, 477–84
 cynical bubbles 55, 59–61, 164–5, 439, 493–506
 danger triggers 503–5
 de-bubbling processes 469–91, 493–4, 500–6,
 509–17
 deflation 469, 473, 479–84, 487–9, 507
 displacement stage 455, 457, 466–7, 473–4
 dividends 471–3
 dot.com bubble 25, 70, 478, 495, 499
 earnings quality 469, 489–91
 echoes 471–2, 503, 505, 507–17
 economics 471–3, 503, 511–17
 empirical evidence 466–7, 506, 507–17
 euphoria stage 455, 457, 459–60, 476–7
 experiences 471–2, 503, 513–14
 fad bubbles 493–6, 499–503
 financial-distress stage 455, 457, 459–63,
 477–84, 514–17
 fundamentals 498–500, 514–15
 goodwill write-downs 459
 historical background 463–7
 inflation 479–88, 507
 information-dispersion factors 504–5
 informational bubbles 493, 496, 499–500
 initial public offerings 477–9
 inside information 459–63, 466–7, 477–84
 intrinsic bubbles 493, 496, 498–503
 Japan 466–7, 472–91, 507, 510–11
 laboratory conditions 471–2, 503, 511–17
 lenders/buyers of last resort 465–7, 486
 long-only portfolios 489, 491
 major bubbles 466–7, 507, 509–10
 market shares 479–80
 monetary policies 457–9, 473–6
 new era thinking 476–7, 493, 499–503, 516
 overvaluations 493–6
 positive feedback 457–9, 473–6, 504–5
 post-bubble winners 484–6
 precipitating factors 455, 457, 466–7, 471–6
 psychology 493–506, 507–17
 rational/near-rational bubbles 493, 496–8, 500–6

- regression analysis 509–16
 revulsion stage 455, 457, 463–7, 483–6, 507, 509, 514–17
 stages 455–67, 473–86
 stock pickers 469–91
 survival strategies 465–7, 469–91, 513–17
 swindles 463, 466–7, 482–3
 synchronizing events 504–5
 technical analysis 507, 514–17
 types 493–506
 UK 466, 507, 510
 USA 455–67, 472–91, 507, 510–11
 volumes 455, 463–7, 479–91
 budgets, risks 439–40
 Buffett, Warren 276–7, 338, 345
 bull markets 247, 252–7, 261, 279, 282, 290, 435, 444, 463–7, 469, 483–8, 495–6, 501–2, 506, 507, 514–17, 529–40, 567–8
 myths 529–40
 valuation levels 517, 567–8
 Burger, Warren 622
 Bush, George 74–6
 business risks
 see also balance sheets; profit margins; risks
 best value investors 271, 275–6, 295
 concepts 271, 275–6, 295, 445–6, 448–52, 461–2, 478–9
 definition 445, 448–9
 measures 449–50, 461–2
 statistics 449–50
 Z-scores 449–50, 461–2, 478–80, 489
Business Week 531
 buybacks 355–65, 529–47, 549–56
 see also share repurchases
 buyers of last resort, bubbles 465–7, 486

 C System *see* System C
 Caginalp *et al* 471, 503, 512
 Cain *et al* 626–7
 calibration curves, overconfidence bias 109–12, 117–18
 call options 535–40
 see also options
 Camerer *et al* 10–11, 168–71, 174
 Canada 116, 118
 canonization processes 215
 cap-weighted market indexes, critique 429–31, 432–3
 capacity levels
 Japan 481–3
 USA 481
 capital asset pricing model (CAPM) 425–35
 see also alphas; betas
 assumptions 425, 429–32
 concepts 425–35
 critique 425–35
 current situation 432–5
 failings 431–2
 historical background 427
 origins 427
 in practice 427–31
 statistics 428–35
 capital expenditure, bubbles 481–3, 490–1
 Capital Guardian Fund 434
 capital structures, sector-relative factors 395, 398–403
 capitulation concepts 463–7, 483–6
 see also revulsion...
 CAPM *see* capital asset pricing model
 career risks, fund managers 337–8, 342–3, 373–4
 Carlson, K.A. 149–51
 Carroll *et al* 263
 Carter, Rita 11
 Caruso *et al* 620–1
 cascades bias 20, 209, 213–14, 500
 cash flows 123, 125, 400–3, 478–83, 487–8, 489–91
 accruals 489–90
 bubbles 478–83, 489–91
 commodities 590
 models 123
 sector-relative factors 400–3
 cash markets 247, 271, 276–7, 295, 460–7
 categorization bias 20
 Catholic Church 58
 CEOs
 see also corporate managers
 compensation 30, 179, 181–2, 529–40, 633–4, 643
 confidence levels 541, 547
 cronies 607
 stock-related compensation 633–4
 ‘ceteris paribus’ ego defence 117–19
 CFOs
 see also corporate managers
 Duke Survey of CFOs 145–8
 short-termism 181–2, 369–70
 Chan *et al* 128–30, 384–5
 Chancellor, Edward 467, 555–6
 change needs 235–46
 charities, incentives 631, 634–5, 639
 cheap countries 243–5, 247–8, 256–7, 405–21
 concepts 247, 257, 405–21
 critique 247, 257, 405–21
 dividend yields 405, 408–21
 long-only strategy 405, 408–9, 412–21
 long/short portfolios 405–21
 momentum factors 405–21
 performance issues 247, 257, 405–21
 PEs 405, 408–21
 price to book ratios 405, 408–21
 risks 405–21
 strategy information 409–21
 value investors 405–21
 cheap sectors 387–93
 see also sectors

682 Index

- cheap sectors (*Cont.*)
 cheap stocks 307–28, 333–6, 337–53, 382–3,
 391–3, 405–21, 446, 450–2
 chemicals sector, seasonal results 61
 Chicago National Activity Index 362
 child care centres, incentives 638–9
 Chile 248, 257
 China 189–90, 194–6, 248, 257, 498, 510, 594
 growth stories 189–90, 194–6, 594
 intrinsic bubbles 498
 choking under pressure 631–43
 choosers, endowment effect 31–2
 Christ, Jesus 58
 Christianity 58, 199, 215
 Church, B.K. 513–14
 CIA 214
 circumstances, happiness levels 650–2
 Clark *et al* 429–30
 Clinton, Bill 149
 Clipper 273–4
 closed funds, best value investors 272, 278, 295
 closet indexing 225–33, 241–2, 393
see also indexing
 ascendancy 230–1, 238
 betas 231
 critique 225–33, 241–2, 393
 statistics 230–1, 393
 clues, lies 156–7
 cobweb models 590
 cocaine 13–14, 47–50
see also drug misuse
 cognitive activities, happiness 647, 652–3
 cognitive dissonance
 concepts 19–21, 581–6
 definition 581, 583–4
 examples 584, 585
 cognitive hierarchy model, games 169–75
 cognitive psychology
 dual process theories of thought 5–15, 74–6,
 85–94, 281, 297–300, 445–52, 524–8, 585,
 615–19
 recent developments 5
 self-control 11–15, 609, 640–3
 Cognitive Reflection Task (CRT) 85–94
 Cohen, R.B. 655, 660–1
 collateral returns, commodities futures 587–8,
 591–5
 Columbia University 273
 commercial paper 465
 committees 209–15
see also group...
 commodities 274, 498–9, 587, 590–6
see also alternative investments
 cash flows 590
 concepts 587, 590–6
 critique 590
 forecasts 594–5
 indexes 587, 590–5
 returns 587–8, 590–6
 risks 590–1
 speculation 592–4
 statistics 590–5
 volatility 590–1
 common investment pitfalls, maxims 17, 35–6
 communication bias 212–14
 community dimension, Aspiration Index 657–60
 commuting, happiness 652
 competitive advantages 221
 completely redundant asset pricing (CRAP) 425–
 35
 completions, share repurchases 543–7, 551–2
 composite bubbles 500–3
see also bubbles
 comprehension *see* understanding
 computers, redundant workers 259–60, 269
 Conan Doyle, Arthur 309, 407, 549, 551
 concentrated stock-pickers
 betas 231
 critique 225–6, 228–33, 271, 273–6, 295
 conduct disorder 661
 confidence
see also overconfidence bias
 accuracy factors 528
 CEOs 541, 547
 confirmation bias
see also self-deception...
 concepts 20, 23–4, 83–4, 100, 143–57, 339
 examples 23–4, 83–4, 100
 test 83–4
 conflicts of interest bias 611–12, 621–7
 conformist approaches 247–57
see also herd...
 Confucius 135
 consensus views
 asset prices 249
 critique 247–57
 conservatism bias 20, 116, 507, 509–17
 construction sector, seasonal results 61
 consumer sector, seasonal results 61
 contagion bias 20
 contango 588, 591–5
 contrarian approaches
 concepts 219–22, 247–57, 285–6, 300
 critique 247–57, 285–6, 300
 long large caps/short small caps 255–7
 overweight cash 254–5
 performance issues 251–7
 quality issues 252–3
 social pain 300
 copper 592
see also metals
 core/satellite structures 243–5
 Cornwell, Patricia 200
 corporate governance 151, 284–5, 535–40, 597–643
 codes of ethics 607–8
 concepts 599, 607–9

- dissenting boards 607–8
 Higgs report 607
 situational factors 599
 corporate malfeasance 75, 153, 463, 466–7, 482–3, 599, 601–9
see also bad behaviour
 corporate managers
see also management; meeting companies...
 actions 355–65
 ADHD epidemic 179
 biases 143–57, 459
 compensation 30, 179, 181–2, 529–40, 633–4, 643
 confidence levels 541, 547
 conflicts of interest bias 621–2
 dissenting voices 606–7
 Duke Survey of CFOs 145–8
 inside information 247, 253–4, 355–65, 459–63, 477–84
 meeting companies 100, 140, 141–57, 355–7, 365
 obedience tendencies 143, 151–3, 292, 599, 604–8
 options 30, 179, 181–2, 529–40, 633–4
 overconfidence bias 143–57, 459
 risky investments 535–40
 short-termism 179, 181–2
 stock sales levels 254
 stock-related compensation 633–4
 volatility increases 535–40
 corrected beliefs
see also beliefs
 Spinozan concepts 197, 200–5
 corrective waves, technical analysis 515–16
 correlations
 capital asset pricing model 427–35
 good/bad times 442–4
 hedge funds 587, 589
 risk models 437, 439–44
 statistics 407–8, 442–4, 487–8, 589
 cost of capital, returns 55–7, 181–2, 565–6
 crack 47
see also drug misuse
 CRAP (completely redundant asset pricing) 425–35
 crashes 441–2, 455–67, 469–91, 493–506, 507–17
see also bubbles
 danger triggers 503–5
 empirical evidence 466–7, 506, 507–17
 CRB index 587, 590–1
 credit-creation stage, bubbles 455, 457–9, 473–6
 Cremers, Martijn 225–6, 227–33
 cricket 211
 criminal recidivism
see also fraud
 quant models 259, 263
 critical stage
see also financial-distress stage
 bubbles 455, 457, 459–63, 477–84
 CRT (Cognitive Reflection Task) 85–94
 CSI (TV series) 156
 cue-competition bias 20
 cumulative normal charts 566–9
 curse of knowledge, concepts 167–8
 cyclically adjusted PEs, critique 329–36
 cynical bubbles 55, 59–61, 164–5, 439, 493–506
see also near-rational...
 concepts 493–506
 danger triggers 503–5
 Czech Republic 257
Da Vinci Code 55, 58
 daily fluctuations, Dow theory 514–16
 damaged brains
 detection processes 262
 emotions 7–11, 47–53, 447, 616–17
 investor behaviour 47–53, 447
 quant models 262
 Damasio, Antonio 616–17
 Dandy *et al* 640
 DAPM (Deranged Anticipation and Perception Model) 427
 Darwin, Charles 200
 Dasgupta *et al* 247, 249–51
 Datastream 554
 Davis *et al* 133–4, 139–40
 DCF (discounted cash flow) 123, 125, 487–8, 561
 DDM (dividend discount model) 123, 125–7, 495–6
 de-bubbling processes 469–91, 493–4, 500–6, 509–17
see also bubbles
 Dead Sea Scrolls 268
 the Dean of Wall Street 331–6
see also Graham...
 debasing considerations, forecasts 120–1
 debt 247, 253–5, 362–3, 449–52, 457–9, 469–78, 536–40
see also bonds; leverage
 default premiums 362–3
 deflationary debt spirals 469, 473, 479–84, 487–9, 507
 margin debt levels 247, 253–5
 to equity ratios 536–7
 to total capital employed 536–7
 decision accuracy, illusion of knowledge 138–9
 decision-making
 concepts 3, 5–15, 63, 67–76, 189–96, 209–15, 615–17, 627–9
 damaged brains 7–11, 47–53, 447, 616–17
 emotions 3–15, 40–6, 75–6, 614–17
 empathy gaps 37–46
 explanation-based decision-making 189–96, 301
 group-based decisions 98, 101, 207–15
 information 133–40, 145, 367–9, 409–21, 504–5, 617
 jurors 191–3, 521–2, 528, 611
 motivated reasoning 73–6
 self-attribution bias 24, 44, 63, 67–9, 76

- decision-making (*Cont.*)
 stories 189–96, 219–22, 293, 301
 survival instincts 17–36
 unethical behaviour 627–9
 veil of ignorance 629
- default premiums, debt 362–3
- deflation 469, 473, 479–84, 487–9, 507
- degenerate panic 463–7, 472–3, 483–6
see also revulsion...
- dehumanization, moral-disengagement factors
 608–9
- delayed gratification, concepts 297–300
- Democrats 74–6, 149
- Denmark 257, 409
- DePaulo *et al* 156–7
- dependent mental disorder 655, 661
- depression 653
- Deranged Anticipation and Perception Model
 (DAPM) 427
- Descartes, Rene 197–205
- detection, lies 97, 100, 143–5, 153–7
- DeVaul, Robert 263
- devil's advocates, group-based decisions (wrath)
 209, 215
- Diagnostic and Statistical Manual of Mental
 Disorders* 660
- Diener, E. 651
- DiFonzo, N. 192–3
- dilution
 concepts 549, 553–61
 definition 553
 measures 554–5
 statistics 549, 553–61
- dimensions, information 23–4
- Dinkelman *et al* 295–6
- disclosures, conflicts of interest 626–7
- discounted cash flow (DCF) 123, 125, 487–8, 561
- the dismal years 240–1, 388, 393
- displacement stage, bubbles 455, 457, 466–7, 473–4
- dispositional perspectives 33, 601–3, 628–9
see also fundamental attribution error
 bad behaviour 601–3, 628–9
- dissenting voices, bad behaviour 606–7, 629
- distortion levels, information 149–51
- distractions
 beliefs 197–8, 200–5
 incentives 631, 640–3
- Ditto, P. 73–5
- diversified stock-pickers
 betas 231
 critique 225–6, 228–33, 244–5, 273, 274–5,
 395–6
- dividend discount model (DDM) 123, 125–7, 495–6
- dividend yields
see also earnings yields
 cheap countries 405, 408–21
 concepts 237–9, 288–9, 297–300, 331, 337–53,
 398–403, 405, 529–40, 541–7, 552–61, 563–72
 critique 529–40, 541–7, 565–72
 declining trends 529–40
 low returns 563–72
 sector-relative factors 398–403
 share repurchases 529–40, 541–56
 statistics 529–40, 541–7, 552–61, 563–72
- dividends 23, 37–8, 100, 204, 237–9, 284–5, 288–9,
 290, 297–300, 331–6, 337–53, 471–3, 529–40,
 541–7, 563–72
- anchoring/salience bias 100, 288–9
- announcements 23, 37–8
- bubbles 471–3
- critique 529–40, 541–7, 565–72
- declining trends 529–40
- expected values 471–2
- GDP growth 204
- myths 529–47
- payout ratios 541, 546–7, 566
- retained earnings 284–5, 290, 472–3, 531–40
- statistics 529–40, 541–7, 552–61, 563–72
- total payout statistics 539–40, 541–7, 552–6
- DJ-AIG 591
- doctors, calibration curves 110–11
- Dohmen, T.J. 640
- Dolan, R.J. 527
- dollar/yen carry trade (October 1998) 441–2
- dominated strategies, iterated dominance 91–2,
 164–75
- Donaldson, Thomas 608
- dopamine effects 13–14, 75–6, 287, 297–300
- drug misuse 13–14
 rewards 13, 75–6, 297–300
 short-term gains 13–15, 287, 297–300
- dot.com bubble 25, 70, 478, 495, 499
- Dow theory 507, 514–16
see also technical analysis
- downside risks
see also risks; semi-variance
 concepts 445–52
- DPS/EPS/GDP growth statistics 549–61
- dreams, nightmares 189, 191
- Dreman, D. 449–51
- drug misuse 13–14, 47–53
see also cocaine
 addicted persons 47–53
 dopamine effects 13–14, 75–6
- dual process theories of thought
 concepts 5–15, 74–6, 85–94, 281, 297–300,
 445–52, 524–8, 585, 615–19
 neuroscience 5–6, 75–6, 85, 297–300, 445–52,
 527, 615–16
- Duke Survey of CFOs 145–8
- Dukes *et al* 123, 125–6
- Dunn *et al* 39–40, 45, 46
- Dunning, D. 105, 115, 613–14
- durables sector, seasonal results 61
- dynamic hedging, critique 441–2, 444
- dynamic loss aversion

- see also* loss-aversion...
bubbles 501–2
- earnings
see also dividend...; profit...
cyclical earnings 541–7
retained earnings 284–5, 290, 472–3, 531–40, 552–6
share repurchases 544–7, 549–61
US trend statistics 544–7
- earnings growth
CEO confidence levels 547
GDP growth 551–61
global returns 309–28
payout ratios 546–7, 566
statistics 309–28, 360–1, 459–63, 531–40, 544–7, 551–61
- earnings per share (EPS) 128–9, 133–4, 139, 271, 276, 315–28, 459, 549–61
dilution statistics 549–61
GDP growth 549–61
- earnings quality, stock-selection criteria 469, 489–91
- earnings yields
see also dividend yields
concepts 537–40, 544–7, 552–6, 565–7
cyclical earnings 541–7
Little Book strategy 337–53
retained earnings yield 537–40, 552–6
statistics 537–9, 544–7, 552–6
- EBAY 165
- Ebbers, Bernie 153, 601, 606
- EBIT/EV
Little Book strategy 337–53
PE contrasts 341, 345–9
- echoes, bubbles 471–2, 503, 505, 507–17
- economics
see also GDP...
bubbles 471–3, 503, 511–17
cobweb models 590
economic cycles/returns 573–80
experimental economics 471–2, 503, 511–17
forecasts 107–8, 135, 283–4
historical background 281
incentives 631, 633–4, 635–6, 643
market/economy links 552–3, 573–80
sector rotation strategies 579–80
- Economist* 439–40
- Edwards, Albert 240, 290, 388, 393, 486, 505, 510, 568, 649
- Edwards, Ward 76, 509
- EEGs (electroencephalograms) 5
- efficient frontiers 238–9
- efficient market hypothesis (EMH) 100, 119–20, 135, 225–7, 238–9, 359–60, 361–5, 427, 499–500
- ego defence mechanisms, experts 105, 114–19
- EI *see* emotional intelligence
- Eisenberger, N.I. 300
- Ekman, Paul 7
- electric-shock experiments, authority figures 151–3, 599, 604–8
- electroencephalograms (EEGs) 5
- Elliot Wave theory 507, 515–16
see also technical analysis
- Ellis, Charles 241
- emerging equity markets 189–90, 194–6, 247–8, 256–7, 457–9, 474, 587, 589
- EMH (efficient market hypothesis) 100, 119–20, 135, 225–7, 238–9, 359–60, 361–5, 427, 499–500
- emotional intelligence (EI), concepts 46
- emotions 3–15, 19–21, 37–46, 75–6, 85–94, 297–300, 521–8, 611–29
see also anger; feelings; happiness; sadness
biases 19–21, 37–46, 75–6
the body 7
the brain 6–11, 13–15, 75–6, 85–6, 297–300, 527
concepts 6–15, 37–46, 75–6, 297–300, 521–8, 614–17
damaged brains 7–11, 47–53, 447, 616–17
decision-making 3–15, 40–6, 75–6, 614–17
definitions 6–7
empathy gaps 37–46
ethics 611–29
experiences 10–11, 28–9, 39
facial expressions 7
forecasts 39, 42
impact bias 37–46
moral judgements 611–12, 614–29
primacy 5–15
risks 7–11
self-control 7–15, 20, 609
smiling exercises 7
System X 5–6, 14, 25, 74–6, 85–94, 281, 297–300, 445–52, 521–8, 585, 615–19, 641
- empathy gaps
see also endowment effect
concepts 37–46, 617
definition 37, 39, 45
emotional intelligence 46
examples 37, 39–42, 45
food experiment 41–2, 45
investor behaviour 37–8, 40–6
reduction techniques 44–6
sexual stimuli 42–3
- empirical sceptics 219–22, 228–9, 633
- empiricists 219–22, 228–9, 309–28
- EMU 116, 118
- endogenous/exogenous assumptions, risks 437, 440–4
- endowment effect
see also empathy gaps; loss-aversion...
concepts 30–5, 42–3, 286
- energy 587, 590–2
see also commodities

- English *et al* 99, 120
 enjoying the moment, happiness 647, 653
 Enron 75, 466, 482, 622
 enterprise considerations 185–6, 281–2
 enterprise value (EV), *Little Book* strategy 337–53
 envy, seven sins 97, 100–1, 159–75
 Epley, N. 613–14
 EPS *see* earnings per share
 equities
 see also dividend...; returns
 bonds 239, 241, 280, 290, 431, 462–3, 469–91, 499, 573–80
 bubble echoes 471–2, 503, 505, 507–17
 economic cycles 573–80
 forecasts 107–9, 283–4
 issuance processes 355–65
 junk equities 247, 251–2, 279, 290
 equity markets 55–61, 247, 253–4, 279
 see also financial...
 fear and greed index 59–61, 247, 253–4, 279
 seasonal results 55–61
 ethical fading, concepts 627–9
 ethics 278, 597–643
 see also moral...
 auditors 612, 622–8
 bad behaviour 608–9, 627–9
 biases 611–29
 blindspot 611, 613–14
 bounded ethicality 611–12, 617–27
 codes 607–8
 combating unethical behaviour 629
 concepts 607–8, 611–29
 conflicts of interest 611–12, 621–2
 euphemistic labels 608–9, 628
 groups 608–9, 611–12, 619–20
 implicit attitudes 611, 617–20, 629
 in-group bias 611–12, 619–20
 overclaiming credit 611–12, 620–1
 perceptual causation 628–9
 psychology 611–29
 representations of the self 629
 self-deception bias 627–9
 slippery slopes 628
 unbounded objectivity 611–12, 629
 unconscious biases 611, 615, 617–29
 euphemistic labels, moral-disengagement factors 608–9, 628
 euphoria stage, bubbles 455, 457, 459–60, 476–7
 Europe
 bargain hunters 311–17, 324–6
 beta studies 429–30
 earnings optimism 584
 growth investing 311–17, 324–6
 Little Book strategy 337–53
 net equity issuance 363–5
 sector-relative factors/ absolute-value contrasts 400–3
 value investing 311–17, 324–6
 EV *see* enterprise value
 Evans *et al* 523–6
 evidence 191–2, 227, 466–7, 506, 507–17, 575, 638–40
 see also information
 absence of evidence 227
 beliefs 200–3
 bubbles 466–7, 506, 507–17
 crashes 466–7, 506, 507–17
 incentives 633–40
 rationality 191–2, 575
 evidence of absence, absence of evidence 227
 ex-ante IRs 243–4, 297
 ex-post IRs 243–4
 excess volatility 279, 282–3, 367–8, 370–4
 see also volatility
 exclusion strategy, beliefs 198, 204–5
 excuses 55–61, 101, 115–16, 189–205
 see also stories
 exercising benefits, happiness 647, 652–3
 exogenous assumptions, risks 437, 440–4
Expansion 170–1
 expected values, dividend distributions 471–2
 expensive countries, cheap countries 405–21
 experiences
 bubbles 471–2, 503, 513–14
 direct/general experience 269
 emotions 10–11, 28–9, 39
 happiness 655–65
 hedonic adaptation 664–5
 identity 665
 learning 63–76, 503, 513–14
 materialism 661–5
 positive reviews 655–6, 663–5
 recency-effect bias 28–9, 301
 weightings 269
 experimental economics 471–2, 503, 511–17
 experts
 ego defence mechanisms 105, 114–19
 overconfidence bias 21–3, 105, 110–21, 259–60, 268–9, 293, 301–2, 369–70, 439–44, 469, 477, 497–500
 explanation-based decision-making 189–96, 301
 see also stories
 explicit-monitoring theory, incentives 631, 640–1
 exposure controls, beliefs 198, 204–5
 extrinsic aspirations 657–60
 facial expressions, emotions 7
 fad bubbles 493–6, 499–503
 see also bubbles
 fallacy of composition, concepts 481–2
 false beliefs 197–205
 see also beliefs
 false consensus effect, smoking 167
 Fama, E.F. 231, 289, 378–9, 427, 428, 432
 fame dimension, Aspiration Index 657–60
 FASB 30, 536
 fashions 493–6, 499–503, 657–60, 665

- fears 6, 9–11, 49–53, 55, 59–61, 247, 253–4, 279, 447
 fear and greed index 59–61, 247, 253–4, 279
 neuroscience 6, 9–11, 49–53, 447
 Federal Reserve Bank 57, 116–17, 457–8, 465–7, 474–6, 477, 581
 feedback distortions, concepts 63–4, 72–6
 feelings
see also emotions
 impact bias 37–46
 Fibonacci lines 515
 Fidelity Magellan fund 231–3
 Fielding, Henry 499
 financial markets
 bear markets 57, 235, 239–42, 252–4, 261, 279, 426, 435, 463–7, 469, 483–8, 495, 506, 507, 514–17, 570–1
 bubbles 25, 55, 59–61, 70, 164–5, 274, 278, 342–3, 395–7, 439, 455–67, 469–91, 493–506
 bull markets 247, 252–7, 261, 279, 282, 290, 435, 444, 463–7, 469, 483–8, 495–6, 501–2, 506, 507, 514–17, 529–40, 567–8
 economic cycles 573–80
 economy/market links 552–3, 573–80
 fear and greed index 59–61, 247, 253–4, 279
 largest market moves 59
 momentum factors 55–61, 106, 120–1, 123–4, 129–30, 161–75, 231, 238–9, 261, 281–2, 375–86, 405–21, 459–67
 myths 199, 519–96
 near-random moves 55–61
 noise generators 55–61, 139–40, 143–5, 271, 276, 301–2, 377–86, 565
 random moves 55–61, 138–9
 reflection trades 437, 439–44, 498, 581, 584–6
 rumours 192–3
 seasonal results 55–61
 sentiments 59–66, 254–7, 279, 463–7, 483–6, 506, 565–6
 financial risks
see also leverage; risks
 concepts 445–6, 449–52
 definition 446, 449–50
 financial-distress stage
see also critical stage
 bubbles 455, 457, 459–63, 477–84, 514–17
 First Eagle Gold 273–4, 278
 Fischhoff, Barach 70
 Fisher, Irvine 472–3
 fMRI (functional magnetic resonance imaging) 5, 527
 food experiment
 empathy gaps 41–2, 45
 self-control 12–13
 food sector, seasonal results 61
 football penalty kicks, incentives 639–40
 forecasts 17–39, 97, 99–100, 103–30, 133–4, 139–40, 148, 185–6, 242–5, 283–4, 314–17, 330–1, 336, 501–2, 594–5
 analysts 106–19, 121, 129–30, 283–4, 307, 315–17, 330, 459
 bonds 107–9
 commodities 594–5
 critique 99–100, 105–21, 139–40, 148, 283–4, 314–17, 331, 336, 501–2
 debasing considerations 120–1
 economics 107–8, 135, 283–4
 ego defence mechanisms 105, 114–19
 emotions 39, 42
 equities 107–9, 283–4
 errors 139–40
 growth investors 314–15
 guesses 111–13, 163–75
 inflation 107
 information coefficient 242–5, 410
 input ratings 112–13, 127–8
 laypeople/professionals comparisons 111–14
 overconfidence bias 99–100, 105–21, 148, 301–2
 seven sins 97, 99–100, 103–30, 148, 283–4
 statistics 107–21, 594–5
 uses 119–21
 weathermen 110–11, 117–19
 Fortune 10 buy-and-forget portfolio 275
 forward PE valuation method 123, 125–30, 256–7, 569–70
 FPA Capital 273–4, 276
 framing bias
see also heuristic-simplification...
 concepts 20, 29–30, 87–9, 199, 375, 499–500, 665
 examples 29–30, 87–9, 199
 test 87–9
 France 247, 257, 409, 430, 549, 556, 559
 cheap countries 247, 257, 409
 dilution statistics 549, 556, 559
 EPS/DPS/GDP growth statistics 556, 559
 Franklin, Benjamin 76
 fraud 75, 463, 466–7, 482–3, 601
see also bad behaviour; swindles
 bubbles 463, 466–7, 482–3
 Frazzini, Andrea 34–5
 Frederick, Shane 85
 French, K. 231, 378–9, 389, 428, 432
 Friesen, G.C. 372–4
 Frost, Alfred 515
 FSA 357
 FT 170–1, 194, 439
 FTSE 350–3
 Fuller & Thaler 259, 267
 fun, stumbling blocks 303, 344
 functional magnetic resonance imaging (fMRI) 5, 527
 fund managers 13, 21–3, 33–5, 51–3, 79–94, 95–215, 221, 225–33, 238–46, 247–56, 271, 278, 286–7, 295, 296–7, 337–53, 367, 388, 393, 437–44, 521–8
see also active...; investment banks
 active share 225, 227–33

- fund managers (*Cont.*)
- alphas 183–5, 221, 228–9, 235–46, 267, 299, 383–5
 - bad years 240–1, 271, 278, 295, 296–7, 337–8, 344–5, 367, 388, 393
 - bargain hunters 307–28
 - belief bias 521–8
 - best value investors 271–8, 293–304
 - biases 79–94, 99–215, 521–8
 - breadth of call 242–5
 - bullish attitudes 247, 252–7, 261
 - career risks 337–8, 342–3, 373–4
 - conflicts of interest bias 611–12, 621–2
 - conformist approaches 247–57
 - contrarian approaches 219–22, 247–57, 285–6
 - corporate managers 143–57
 - dreams/nightmares 189, 191
 - ego defence mechanisms 105, 114–19
 - good intentions 294, 303–4
 - groups 231
 - hiring/firing decisions 373–4
 - Keynes's beauty contest analogy 90–2, 101, 161–75, 440–1
 - league table 183–4
 - loss-aversion/prospect-theory bias 33–5, 86, 89–90, 293, 296–7, 445–52, 501–3
 - outperforming sold stocks 247, 249–50, 375–6
 - overconfidence bias 21–3, 99–101, 105–21, 133–40, 143–57, 259–60, 268–9, 290, 293, 301–2, 307, 312, 369–70, 439–44, 469, 477, 497–500
 - past performance 27–8, 226, 231–3
 - performance issues 27–8, 179–86, 221–2, 225–33, 238–9, 369–74
 - quant models 259, 267–9, 312, 337–8
 - remuneration methods 181, 183, 244, 272
 - risk exposures 174–5, 184–6
 - risk models 439–44
 - selection criteria 238, 286, 299, 373–4, 376, 469–91
 - self-control 13
 - seven sins 95–215, 273
 - sheep index 251
 - short-termism 174–5, 179–86, 282–3, 287, 293, 297–300, 367–74, 504–5
 - skills 227–33, 278, 293, 301–2
 - successful investors 183–4, 219–22, 241–2, 271–8
 - test 79–94, 120
 - time horizons 174–5, 179–86, 271, 277, 287, 293, 297–300, 375–86, 439–44, 497–8
 - types 119–20, 227–33
 - underperformance issues 179–86, 225–33, 238, 271, 278, 299–300, 311–12, 314, 344–5, 357, 370–2, 379, 450–2
- fundamental analyses 55–6
- fundamental attribution error, concepts 152–3, 599, 601–9
- Fundamental Indices
- see also* indexes
 - returns/risks statistics 429–33
- fundamentals, bubbles 498–500, 514–15
- future losers, past winners 129–30
- futures
- see also* options
 - backwardation 588, 591–5
 - commodities futures 587, 590–6
 - concepts 590–6
 - contango 588, 591–5
- G&D PEs *see* Graham and Dodd PEs
- GAAP 536, 538, 584
- Gage, Phineas 616–17
- gains, loss-aversion/prospect-theory bias 20, 30–5, 42–3, 51–2, 86, 89–90, 293, 296–7, 445–52
- Galpin, N. 230
- gamblers' fallacy, concepts 84–5
- gambling analogy, risks 437, 440–4
- game theory 167–75
- see also* Nash equilibrium
- games
- learning 173–5
 - thinking steps 168–75
- GDP considerations
- see also* economics
 - booms 458–9
 - debt levels 477–8
 - dividend growth 204
 - earnings growth 551–61
 - economic cycles 576–80
 - emerging equity markets 189–90, 194–6
 - investment levels 458–9, 475–7
 - market/economy weights 552–3
 - statistics 552–61, 594
- genetically determined set point, happiness levels 649–50, 652
- geographic diversification 244
- geometric returns 240–1
- Germany 296, 409, 430, 443, 488, 549, 556, 558, 605, 640
- dilution statistics 549, 556, 558
 - EPS/DPS/GDP growth statistics 556, 558
 - 'get-even-itis' investors 501–5
 - see also* loss-aversion...
- Gilbert, Daniel 197, 199–205
- Gilovich, T. 655, 661–5
- Glaser *et al* 112–13
- Glass-Steagall Act 466
- Global Quant team 123, 126–7, 329, 331, 339, 377, 407–8, 429
- global returns 309–28
- gluttony
- see also* illusion of knowledge
 - seven sins 97, 100, 131–40
- GMO 429
- Gneezy, U. 633–4, 638–9

- God 199
see also religion
- Goel, V. 527
- Goetzmann *et al* 407
- gold 510, 512, 592
see also metals
- Goldberg, Lewis 261
- Goldfarb, Bob 273–4
- good intentions 294, 303–4
- good things in life, happiness 647, 653
- goodwill write-downs 459, 537–8
- Gorbachev, M. 117
- Gordon growth model 565–6
- governance issues 151, 284–5
- Goyal, A. 299–300, 373–4
- Graham, Ben 219–21, 271, 273, 275–6, 279–92, 307, 318, 329–36, 337, 431, 434, 445, 447–9, 450
 arbitrage views 286–7
 behavioural errors 289
 beta views 291, 431, 434
 contemporary environment 279, 289–90
 contrarian views 285–6
 forecasting views 283–4
 history views 280, 291–2
 Keynes 279–92
 margin-of-safety views 290–1, 307, 318, 450
 overcomplication views 291
 price/value relativity views 288–9
 principal-agent problems 284–5
 professional investors 286–7
 speculation/investment views 279, 281–3
 time horizons 287
 valuation views 279–80, 288, 335
 views on the nature of investment 279–92, 431, 434, 445, 447–9
 volatility views 279, 282–3
 writings 281
- Graham and Dodd PEs 219, 221, 255–6, 273, 329–36, 485–6, 569–71, 581–6
 concepts 329–36, 485–6, 569–71, 581–6
 critique 329–36, 485–6, 569–71, 581–6
 definition 331
 long-only portfolios 333–6, 581–6
 long/short portfolios 332–6
 performance issues 329–36, 485–6
 statistics 331–6, 485–6
- Graham, J.R. 146–8
- Grantham, Jeremy 429
- greater fool markets 493, 496–8, 502–6, 563
see also rational/near-rational bubbles
- greed 55, 59–61, 247, 253–4, 279
- Greenblatt, Joel 219, 221, 296–7, 337–53
- Greene *et al* 615–16
- Greenspan, Sir Alan 466, 471, 516
- Grice, Dylan 481
- Grinold, R.C. 242
- Grosskopf, B. 168
- groups 209–15, 608–9, 611–12, 619–20
 anchoring/salience bias 211–13
 asset-allocation committees 209–15
 bad behaviour 608–9, 611–12, 619–20
 biases 209–15, 619–20
 cascades bias 209, 213–14
 communication bias 212–14
 critique 209–15, 608–9, 611–12, 619–20
 devil's advocates 209, 215
 ethics 608–9, 611–12, 619–20
 hidden information 209, 212–13
 ideals/reality contrasts 209
 in-group bias 611–12, 619–20
 moral-disengagement factors 608–9, 611–12, 619–20
 performance issues 211–12
 polarization problems 209, 214–15
 respect benefits 209, 215
 secret ballots 209, 215
 seven sins 98, 101, 207–15
 social-status factors 213–14
 statistical groups 211–12
- groupthink dangers 209, 214–15, 500
- Grove *et al* 259, 266, 269
- growth investors 204, 219–22, 280, 307–28, 355–65, 375–86, 429–35, 450–2
 arbitrage 380–3
 beliefs 204, 219
 critique 307–28, 375–86
 disappointing realities 314–15
 forecasts 314–15
 momentum strategies 381–2
 net equity issuance 355–65
 patience 219–22, 280, 344, 357, 375–86
 PE values 309–28
 returns 309–28, 375–86, 450–2
 risk-adjusted returns 318
 sectors 387, 390–3
 siren calls 312, 365
 statistics 309–28, 375–86, 450–2
 valuations 312–14, 450–2
 value investors 317–18, 375–86
- growth stories 189–96, 219–22, 280, 293, 301, 307, 365
see also stories
- GSCI 587, 590–5
- GTAA 222
- guesses 111–13, 163–75
- Gurkas 70
- Haidt, J. 615
- halo effects 19
- Hamilton, William 514–15
- Hamlet* (Shakespeare) 191
- Handzic, Meliha 133, 137–8
- hanging sentence, paradox of the unexpected
 hanging 165

690 Index

- happiness 6–7, 39–40, 645–65
see also emotions
 absolute/relative concepts 656, 665
 achievable goals 647, 653
 altruism 652–3
 Aspirations Index 657–60
 behavioural activities 647, 652–3
 benefits 649–50
 circumstances 650–2
 cognitive activities 647, 652–3
 commuting 652
 concepts 647–53, 655–65
 determinants 649–53
 enjoying the moment 647, 653
 exercising benefits 647, 652–3
 experiences 655–65
 genetically determined set point 649–50, 652
 good things in life 647, 653
 hedonic adaptation 651–3, 655–6, 664–5
 improvement tips 647–53, 655, 657, 660–5
 intentional activities 652–3, 655–65
 jobs 647, 649–51, 653, 657
 married persons 649, 650
 materialism 647, 650–1, 653, 655–65
 mental disorders 655, 660–5
 money 647, 650–1, 653, 655–65
 personal benefits 649–50, 655–65
 personality traits 649–50
 psychology 647–53, 655–65
 the pursuit 655–65
 relationships 647, 649–51, 652–3, 655–65
 religious beliefs 650
 rules 647–53, 655, 657
 self-esteem 658–9
 sex 647, 652–3
 sleep 647, 653
 social rewards 649–51, 656–65
 statistics 650–2, 657–65
 studies 650–2, 657–65
 tips 647–53, 655, 657, 660–5
 volitional activities 652–3
- Hare, Robert 617
 Harvey, C.R. 146–8
 Hastie, R. 191–2, 193–4
 HealthSouth 601
 hedge funds 245, 343–4, 370–1, 433–4, 439–44,
 489, 498, 500–1, 587, 589, 595
see also alternative investments
 alphas 245, 343–4, 433–4, 489
 betas 245, 433–4, 589
 concepts 587, 589, 595
 correlations 587, 589
 critique 245, 343–4, 370–1, 433–4, 439–44, 489,
 498, 500–1, 587, 589, 595
 leverage long funds 245, 489
 risk models 439–44
 time horizons 370–1, 489
 volatility 587, 589
- hedge perspectives, inside information 359
 hedonic adaptation
 experiences 664–5
 happiness 651–3, 655–6, 664–5
 herd behaviour 13, 14–15, 20–1, 212–14, 251–7,
 282–3, 293, 300, 441, 493, 504–5
see also groups; social...
 Hester, William 541, 547
 heuristic-simplification bias
see also anchoring...; framing...; loss-aversion...;
 representativeness...
 concepts 19–21, 25–30, 84–94, 99–100
 test 84–94
 heuristics, definition 19
 hidden information 209, 212–13
 Higgs report 607
 highly concentrated portfolios, best value investors
 271, 273–6, 295
 hindsight bias
see also overconfidence...; self-deception...
 concepts 17, 20, 25, 63, 69–71, 291, 509–17
 dot.com bubble 25, 70
 examples 70–1, 291
 learning from mistakes 63, 69–71
 hiring/firing decisions, performance issues 373–4
 Hirshleifer, David 427
 historic volatility 437–44
see also volatility
 risk models 437–44
 statistics 439–40
 histrionic mental disorder 655, 661
 HIV/AIDS 293, 295–6
 HML, fund management group factor betas 231
 holiday experiences 663–5
 holistic aspects, reasoning 6, 616
 Holland *see* Netherlands
 Hong Kong 248, 257, 409, 430
 hostile-media bias 24
see also confirmation bias
House (TV series) 156
 Hüber, Manfred 171–2
 Hudson, George 466
 human judgements, quant models 264, 266
 Hungary 248, 257
 hurdles, learning 63–76
 Hussman Funds 541, 546–7
 Hussman, John 546–7, 572
 Hussman PEs 495, 571–2
 hyperbolic discounting 20, 287
see also self-control
- ‘I was almost right’ ego defence 117–19
 IAT (implicit attitude tests) 611, 618–19, 629
 IC *see* information coefficient
 ICAPM (intertemporal CAPM) 430
 ideas, concepts 197–205
 identity, experiences 665
 ‘if only’ ego defence 116–19

- illiquid assets 245, 247
- illusion of control 20, 22–3, 63, 71–3, 82–3, 102, 185–6, 301–2, 493, 496–8, 500
see also overconfidence...; overoptimism...
 concepts 20, 22–3, 63, 71–3, 82–3, 102, 185–6, 301–2
 examples 22–3, 72–3, 82–3, 301–2
 learning from mistakes 72–3
 portfolios 63, 73
 test 82–3
- illusion of knowledge 20–3, 82–3, 97, 100, 105–21, 131–40, 185–6, 301–2, 369, 493, 496–8, 500
see also overconfidence...; overoptimism...
 bookmakers' experiment 20–1, 133, 135–7
 concepts 20–3, 82–3, 97, 100, 105–21, 131–40, 185–6, 301–2, 369
 examples 20–3, 82–3, 112, 135–40
 test 82–3
- image dimension, Aspiration Index 657–60, 665
- imitation bias 20
- immediacy effects 13–14
- impact bias
 concept 37–46
 definition 37, 39, 45
 emotional intelligence 46
 examples 37, 39–40, 45
 investor behaviour 44–6
 reduction techniques 44–6
 romantic relationships 37, 45
- implicit attitude tests (IAT) 611, 618–19, 629
- implicit attitudes
see also unconscious biases
 concepts 611, 617–20, 629
- impulsive behaviour 14, 299
- in-group bias, concepts 611–12, 619–20
- inattentional blindness, concepts 30, 199
- incentives 181, 183, 631–43
 basketball players 640
 blood donations 638–9
 charities 631, 634–5, 639
 child care centres 638–9
 choking under pressure 631–43
 concepts 181, 183, 631–43
 critique 631–43
 distraction theory 631, 640–3
 economics 631, 633–4, 635–6, 643
 evidence 633–40
 experiments 633–8, 640–3
 field evidence 638–40
 football penalty kicks 639–40
 motivation 631–43
 psychology 631–43
 self-focus theory 631, 640–1
 working memory 631, 640–3
- incest, moral judgements 614–15
- income statements, Japanese bubble 477, 487
- indexes 230–1, 301, 307, 309–15, 329, 331–5, 375, 377, 408–9, 429–35, 553–61, 587, 590–5
- cap-weighted market indexes 429–31, 432–3
- commodities futures 587, 590–5
- critique 429–31, 433–5, 587, 590–5
- dilution 553–61
- indexing 179, 181–2, 219, 221, 225–33, 235–46, 278, 373, 393, 429–32, 489
see also benchmarking
 active share 225, 227–33
 ascendancy 230–1, 238
 change needs 240–6
 closet indexing 225–33, 241–2, 393
 critique 225–33
 performance issues 225–33, 278, 373, 429–32
 statistics 228–33, 278, 393
- India 70, 257, 635
- inertia, quant models 259–60, 269
- inflation 55–61, 107, 479–88, 507, 573–80, 588, 594
 bubbles 479–88, 507
 forecasts 107
 interest rates 588, 594
 USA 55–61, 107, 573–80
- information
see also biases; evidence
 accuracy impacts 135–7
 beliefs 197–205
 best value investors 271, 274–5, 276, 295
 calibration curves 109–12, 117–18
 cascades 500
 cheap countries 409–21
 decision-making 133–40, 145, 367–9, 409–21, 504–5, 617
 dimensions 23–4
 dispersion issues 504–5
 distortion levels 149–51
 efficient market hypothesis 100, 119–20, 135, 225–7, 361–5, 427, 499–500
 familiar formats 55
 hidden information 209, 212–13
 illusion of knowledge 20–3, 82–3, 97, 100, 105–21, 131–40, 185–6, 301–2, 369, 493, 496–8, 500
 inside information 247, 253–4, 355–65, 459–63, 477–84
 knowledge contrasts 133
 overload problems 19, 100, 133–40, 143–57
 placebo information 57–9, 101
 qualities 17, 20–3, 35–6, 167
- information coefficient (IC)
 concepts 242–5, 409–10
 definition 242, 410
- information ratios
see also alphas
 concepts 183–5, 240–5, 278, 333–6, 409–21
 definition 242, 419
 performance issues 242–5, 278, 333–6, 409–21
- informational bubbles 493, 496, 499–505
see also bubbles
- initial public offerings (IPOs) 357, 477–9

- input ratings, forecasts 112–13, 127–8
- inside information 247, 253–4, 355–65, 459–63, 466–7, 477–84
- bubbles 459–63, 466–7, 477–84
- concepts 355–65, 459–63, 477–84
- definition 357
- hedge perspectives 359
- initial public offerings 357, 477–8
- net equity issuance 355–65
- returns 355–65
- usage 357–9, 459–63, 477–84
- insider sales to purchases ratio 247, 253–4, 460–2
- institutional fund managers 181–2, 247, 249–50, 286–7, 483–4, 500–1
- see also* fund managers
- outperforming sold stocks 247, 249–50
- time horizons 181–2
- insula 14
- intentional activities, happiness 652–3, 655–65
- interest rates 57, 425–35, 457–9, 474–83, 588
- capital asset pricing model 425–35
- inflation 588, 594
- internal rates of return 181–2
- Internet 194, 457, 466, 473, 477
- intertemporal CAPM (ICAPM) 430
- intrinsic aspirations 657–60
- intrinsic bubbles 493, 496, 498–503
- see also* bubbles
- intuitive reasoning 6–16, 85–94, 112, 615–17
- see also* emotions
- investment, speculation contrasts 279, 281–3, 459
- investment banks 51–3, 439–44
- see also* fund managers
- bullish attitudes 247, 252–7
- risk models 439–44
- investment games, learning from mistakes 66–7
- investment levels, GDP 458–9, 475–7
- investment perspectives, risk elements 445–6, 448–52
- investment pitfalls, maxims 17, 35–6
- investment processes 219–22, 271–8
- investment strategies
- cheap countries 243–5, 247–8, 256–7, 405–21
- cyclically adjusted PEs 329–36
- Graham and Dodd PEs 219, 221, 255–6, 273, 329–36, 485–6, 569–71, 581–6
- Little Book* strategy 221, 261, 296–7, 337–53
- momentum strategies 106, 120–1, 123–4, 129–30, 161–75, 231, 238–9, 261, 281–2, 375–86, 459–67
- net equity issuance 355–65
- patience 219–22, 280, 297–300, 344, 357, 375–86
- sector-relative factors 395–403
- trailing earnings 106, 120–1, 123, 125–7, 329–36, 345–6, 377, 569–72, 575–80, 583–6
- value-based strategies 120–1
- Zen of investing 521–2, 528
- investor behaviour
- see also* fund managers
- addicted persons 47–53
- anchoring/salience bias 25–7, 87–92, 99–100, 105–6, 288–9, 499–500
- best value investors 271–8, 293–304, 375–6
- biases 79–94, 99–215
- damaged brains 47–53, 447
- empathy gaps 37–8, 40–6
- ‘get-even-itis’ investors 501–5
- herd instincts 14–15, 251–7, 282–3, 293, 300, 441, 493, 504–5
- impact bias 44–6
- Keynes’s beauty contest analogy 90–2, 101, 161–75, 440–1
- loss-aversion/prospect-theory bias 32–4, 86, 89–90, 293, 296–7, 445–52, 501–3
- maxims 17, 35–6
- momentum effects 55–61, 106, 120–1, 123–4, 129–30, 161–75, 231, 238–9, 261, 281–2, 375–86, 459–67
- overconfidence bias 21–3, 99–101, 369–70
- quantitative approaches 102
- representativeness bias 27–8, 84–5
- seven sins 95–215, 273
- short-termism 13–15, 179–86, 282–3, 287, 293, 297–300, 367–74, 504–5
- stories 55–61, 97, 101, 125, 187–205, 219–22, 293, 301, 307, 357, 365, 575, 665
- successful investors 183–4, 219–22, 241–2, 271–8
- synchronizing events 504–5
- Zen of investing 521–2, 528
- Investors Intelligence 247, 253, 279
- IPOs (initial public offerings) 357, 477–9
- IQ-style test, incentives 633–4
- Iraq 214, 599
- irrational behaviour 12–13, 501–2, 509–17
- irrelevant information, anchoring/salience bias 25–7, 87–92, 120
- ISM 573–80
- Israel 633–4, 638
- ‘It just hasn’t happened yet’ ego defence 117–19
- Italy 409, 430, 605
- iterated dominance, concepts 91–2, 164–75
- Jacobsen, B. 60–1
- James, William 7
- Janis, Irving 214–15
- Japan 235, 239, 248, 256–7, 296, 311–17, 326–8, 337–53, 396, 401–2, 430, 433, 466–7, 472–91, 507, 510–11, 549, 556, 560, 573–80, 584
- bargain hunters 311–17, 326–8
- bubbles 466–7, 472–91, 507, 510–11
- capacity levels 481–3
- correlation statistics 443, 487–8
- dilution statistics 549, 556, 560
- dollar/yen carry trade (October 1998) 441–2

- earnings optimism 584
 economic cycles/returns 573–80
 EPS/DPS/GDP growth statistics 556, 560
 growth investing 311–17, 326–8
 liberalization considerations 466–7, 472–91
Little Book strategy 337–53
 management techniques 476–7
 Recruit Cosmos 482
 returns 576–80
 sector-relative factors/absolute-value contrasts 401–3
 value investing 311–17, 326–8
Jaws (film) 29, 301
 Jensen, Michael 535
 Jesus Christ 58
 jobs
 happiness 647, 649–51, 653, 657
 redundant workers 259–60, 269
 Johannessen, M. 638–9
 Jordan 605
Journal of Investing 221
 J.P. Morgan 467
 Judaism 199
 junk equities 247, 251–2, 279, 290
 jurors
 belief bias 521–2, 528
 decision-making 191–3, 521–2, 528, 611
 stories 191–3
 Kahn, R. 241–2, 419
 Kahneman, Daniel 23, 25, 29, 30, 31, 84, 120, 168, 471, 652
 Kant 614
 Kasser, Tim 655, 657–9
 Kassir *et al* 153–7
 Keen, Steve 472–3
 Keynes, John Maynard 14, 55, 59, 90–2, 161–75, 179, 182–3, 185–6, 219, 221, 247, 249, 251, 257, 274, 279–92, 299–300, 303, 344, 393, 434, 440–1, 450, 481, 491, 493, 497, 505–6, 565
 arbitrage views 286–7
 beauty contest analogy 90–2, 101, 161–75, 440–1
 behavioural errors 289
 Ben Graham 279–92
 beta views 291, 434
 contemporary environment 279, 289–90
 contrarian views 285–6
 deflation 481
 forecasting views 283–4
 history views 280, 291–2
 margin-of-safety views 290–1
 overcomplication views 291
 price/value relativity views 288–9
 principal-agent problems 284–5
 professional investors 286–7, 303, 344
 speculation/investment views 279, 281–3, 497, 506
 time horizons 287
 valuation views 279–80, 288
 views on the nature of investment 279–92, 434, 450, 481, 491, 493, 506, 565
 volatility views 279, 282–3
 writings 281
 Kidd, Joseph 135
 Kindleberger, Charles 455, 457, 459, 463, 467, 472–3, 499
 King, Martin Luther 110
 Kirby, Bob 434
 Klarman, Seth 276
 Klein, Gary 617
 knowing, knowledge 135
 knowledge
 behaviour contrasts 293, 295–6
 curse of knowledge 167–8
 illusion of knowledge 20–3, 82–3, 97, 100, 105–21, 131–40, 185–6, 301–2, 369, 493, 496–8, 500
 information contrasts 133
 knowing 135
 Koehler, D.J. 303–4
 Korea 248, 257
 Kozlowski, Dennis 601
 laboratory conditions, bubbles 471–2, 503, 511–17
 Lancetti, Sebastian 123, 126–7, 129, 337–53, 356, 363–4, 375–86, 433
 Langer, Ellen 55, 57–8, 72–3
 Lao Tzu 105, 107, 657
 Laphorne, Andy 255–6, 395–403, 551–2
 large cap portfolio bets 247, 250–7
 last resort buyers/lenders, bubbles 465–7, 486
 lateral temporal cortex 6
 Lau, R. 68–9
 Lay, Ken 75
 laypeople/professionals comparisons
 forecasts 111–14
 lie-detection experiments 153–4
 learning 9–10, 20, 24, 63–76, 94, 173–5, 339, 581–6
 acquisitions example 65–7
 difficulties 9–10, 24, 63–76, 339, 581–6
 experiences 63–76, 503, 513–14
 feedback distortions 63–4, 72–6
 from mistakes 63–76
 games 173–5
 hindsight bias 63, 69–71
 hurdles 63–76
 illusion of control 72–3
 investment games 66–7
 limits 63–76, 173–5
 plasticity 15
 reflective practices 94
 self-attribution bias 20, 24, 63, 67–9, 76
 self-deception bias 20–4, 63–76
 Skinner's pigeons 71–3

- Lee, I.H. 500
 Leeper *et al* 148–9
 legal experts
 anchoring/salience bias 99–100, 120
 stories 189, 191–2
 Legg Mason Value 273–4, 276
 lenders of last resort, bubbles 465–7, 486
 leverage 245, 363–4, 446, 449–52, 459–60, 476–83, 489, 536–40
 see also debt; financial risks
 critique 449–52, 459–60, 476–83, 536–40
 hedge funds 245, 489
 measures 536
 statistics 536–7
 value stocks 363
 libraries, beliefs 200
 Lieberman *et al* 300, 585
 lies
 clues 156–7
 detection 97, 100, 143–5, 153–7
 laypeople/professionals lie-detection comparisons 153–4
 truth 97, 100, 143–5, 153–7
 lightning strikes, recency-effect bias 28–9, 301
 limited resources
 self-control 11–15, 609, 640–3
 working memory 631, 640–3
 liquidity, monetary policies 457–9, 473–6
Little Book strategy 221, 261, 296–7, 337–53
 backtesting results 337–53
 concepts 337–40
 core concepts 339–40
 critique 339–45
 definition 339–40, 345–6
 future prospects 344–5
 long/short portfolios 343–4
 methodology and data 339–40
 performance issues 337–53
 PEs 341, 345–9
 quality issues 341–2
 results 340–1, 345–9
 sectors 350–3
 stock lists 350–3
 Livermore, Jesse 243
 livestock 591
 see also commodities
 Lo *et al* 39
 log earnings 546–7
 logic 5–6, 169–70, 521–8, 611, 615–17, 631
 see also System C
 long large caps/short small caps, contrarian approaches 255–7
 long value short growth strategies 355
 long-only constraints, shorting 242–4
 long-only portfolios 242–4, 333–6, 405, 408–9, 412–21, 447, 489, 491, 581–6, 608–9
 bubbles 489, 491
 cheap countries 405, 408–9, 412–21
 Graham and Dodd PEs 333–6, 581–6
 long-run returns 237–9, 367–74
 see also time horizons
 long-term growth rates (LTG) 128–9
 long/short portfolios 255–7, 332–6, 343–4, 398–403, 405–21, 469, 489–91, 587, 589, 608–9
 cheap countries 405–21
 Graham and Dodd PEs 332–6
 Little Book strategy 343–4
 sector-relative factors 398–403
 Longleaf Partners 273–4
 Lopez, D. 73–5
 Lord *et al* 149
 losers/winners long-term performance in momentum strategies 129–30
 loss-aversion/prospect-theory bias
 see also heuristic-simplification...
 concepts 20, 30–5, 42–3, 51–2, 86, 89–90, 293, 296–7, 445–52, 501–3
 examples 30–5, 86, 89–90, 296–7, 447
 investor behaviour 32–4, 86, 89–90, 293, 296–7, 445–52, 501–3
 test 89–90
 lovers, overoptimism bias 83
 low returns 563–72
 see also returns
 Lowe, Janet 281
 Lowenstein 273, 276, 278, 650–1
 LSE 298
 LSV 259, 267
 LTCM 244, 441–2, 450, 457, 474
 LTG (long-term growth rates) 128–9
 luck, self-attribution bias 24, 36, 63, 67–9
 Lufkin, E. 449–51
 lust, seven sins 97, 100, 140, 141–57
 Lyubomirsky, Professor 649

 McCallum rule 474
 McClure *et al* 297–9
 Dr McCoy approach, dual process theories of thought 5, 615–16
 machines sector, seasonal results 61
 McKinsey 369–70
 McNealy, Scott 531
 magical thinking 301–2, 499–500
 management
 see also corporate managers; fund...
 options 30, 179, 181–2, 529–40, 633–4
 principal-agent problems 284–5
Manias, Panics and Crashes (Kindleberger) 472–3
 manic depression (bipolar disorder) 275
 Mankiw, Greg 227, 229–30
 MAR (minimal acceptable return) 448
 margin debt, levels 247, 253–5
 margins of safety, concepts 273–5, 290–1, 307, 318, 446, 450–2
 market caps, volumes 463–5
 market power 165–6

- market risk
see also financial markets; volatility
 critique 271, 275–6, 295
- market shares, bubbles 479–80
- Markowitz, Harry 425, 427, 431
- Markowitz Optimization (MO) 425, 427, 431
- married persons, happiness 649, 650
- Martin, Frank 445–52
- Marx, Karl 457, 509, 516
- Maslow's needs 663
- materialism
 experiences 661–5
 happiness 647, 650–1, 653, 655–65
 mental disorders 655, 660–5
 problems 660
 studies 660–5
- maxims, common investment pitfalls 17, 35–6
- MCI (monetary conditions indicator) 573–80
- mean-reversion 27–8
- mean-variance efficient portfolios 427–35
- medial temporal lobe 6
- Meehl, Paul 266, 269
- meeting companies (lust)
see also corporate managers
 fund managers 100, 140, 141–57, 355–7,
 365
 time-wasting exercises 143–57, 355–7,
 365
- Mellstrom, C. 638–9
- memory
 recency-effect bias 28–9, 301
 working memory 631, 640–3
- mental disorders 261–2, 655, 660–5
see also neurosis; psychosis
 happiness 655, 660–5
- Merrill Lynch 252–3
- Merton scores 449–50
- Messick, D.M. 627–8
- meta-analysis, quant models 266
- metals 510, 512, 591–2
see also commodities
 bubbles 510, 512
- Microsoft 553
- Milgram, Stanley 143, 151–3, 599, 604–8
- Minahan, John 221, 222
- minimal acceptable return (MAR) 448
- Minnesota Multiphasic Personality Inventory
 (MMPI) 261–2
- Minsky, Hyman 457, 463, 467, 472–4, 499
- mistakes
 learning from mistakes 63–76
 seven sins 95–215
- MIT 85–6, 636–7
- MMPI (Minnesota Multiphasic Personality
 Inventory) 261–2
- MO (Markowitz Optimization) 425, 427, 431
- Modigliani and Miller (M&M) 427, 531
- Moll *et al* 615–16
- momentary realists 7
- momentum strategies
 cheap countries 405–21
 critique 129–30, 161–75, 231–3, 238–9, 261,
 281–2, 375–86, 387–93, 459–67
 financial markets 55–61, 106, 120–1, 123–4,
 129–30, 161–75, 231–3, 238–9, 261, 281–2,
 375–86, 405–21, 459–67
 growth investors 381–2
 past prices 106, 120–1, 123–4, 129–30
 sectors 387–93, 395–403
 value investors 383–6, 387–93
 winners/losers long-term performance 129–30
- monetary conditions indicator (MCI) 573–80
- monetary policies, bubbles 457–9, 473–6
- money
 happiness 647, 650–1, 653, 655–65
 utility concepts 13–14
- Monty Hall problem 92–4
- Monty Python* (TV series) 425, 649
- mood bias 20
- Moore *et al* 622–7
- moral judgements
see also ethics
 bounded ethicality 611–12, 617–27
 concepts 611–29
 emotions 611–12, 614–29
 origins 614–17
 psychopaths 617
 rationality 614–15
- moral-disengagement factors
see also ethics
 bad behaviour 608–9, 627–9
- Morck, R. 606–7
- Morocco 257
- mortgages 465
- motivated reasoning, concepts 73–6
- motivations 13, 73–6, 631–43
 concepts 13, 73–6, 631–43
 critique 631–43
 incentives 631–43
 need to belong 13
- moving averages
 critique 331–6, 581
 Graham and Dodd PEs 329–36, 569–71, 581–6
- MSCI indices 230–1, 301, 307, 309–15, 329, 331–5,
 375, 377, 408–9, 429–30
- Mullainathan, S. 618–19
- Mulligan, E.J. 193–4
- muscle analogy, self-control 11–13
- Mutual Beacon 273–4
- mutual funds 33–5, 179, 181–2, 183–4, 225–33,
 271, 273, 276–7, 367, 372–4, 377–8, 425–6,
 432
 evolution 229–31, 425–6
 loss-aversion/prospect-theory bias 33–5
 structural decline 425
 time horizons 179, 181–2, 183–4, 277, 367,
 372–4, 377–8
- myths 199, 519–96

696 Index

- Nagel *et al* 167–8, 171–2, 174
naïve beliefs 203–5
 see also beliefs
narcissistic mental disorder 655, 661
NASDAQ 428
Nash equilibrium 164, 165, 169
 see also game theory
NeClure *et al* 297–8
near-random moves, financial markets 55–61
near-rational bubbles 493, 496–8, 500–6
 see also bubbles; cynical...
 concepts 493, 496–8, 500–6
 danger triggers 503–5
need to belong 13
net equity issuance 355–65
 see also inside information
 betas 355–6, 361–4
 concepts 355–65
 critique 359–65
 Europe 363–5
 USA 357–63, 364
net fixed capital, *Little Book* strategy 339–53
net repurchase yields, statistics 551–61
net share buybacks, statistics 529, 533–40
net working capital, *Little Book* strategy 339–53
Netherlands 247, 257, 409, 605
neuroscience 3–15, 75–6, 297–300, 527, 615–16
 concepts 3, 5–15, 75–6, 297–300, 527, 615–16
 dopamine effects 13–14, 75–6, 287, 297–300
 dual process theories of thought 5–6, 75–6, 85,
 297–300, 445–52, 527, 615–16
 fears 6, 9–11, 49–50, 447
 plasticity 15
 reasoning systems 5–7, 75–6, 85–6, 297–300,
 527, 615–16
 recent developments 5
 short-termism behaviour 13–15, 287, 293,
 297–300
neurosis 259, 261–2, 655, 660–5
new era thinking, bubbles 476–7, 493, 499–503, 516
New Zealand 257
nightmares, dreams 189, 191
Nikkei 467
NIPA profits 549–54
Nisbett *et al* 601, 615
Nocera, Joe 99
noise generators, financial markets 55–61, 139–40,
 143–5, 271, 276, 301–2, 376–86, 565
Norway, cheap countries 247, 257, 409
NPVs 182
NYSE 179, 181–2, 276–7, 298, 367, 369, 377–8,
 428, 463–4, 486
Oak Value 273–4
Oakmark Select 273–4
obedience tendencies
 electric-shock experiments 151–3, 599, 604–8
 power figures 143, 151–3, 292, 599, 604–8
Odean, T. 33–4
OECD 576
off-index positions 219, 221
Oishi, S. 651
Ono, K. 71–2
operating performance, statistics 449–50
optimal equity allocations 238–9
optimistic views
 earnings optimism 581–6
 selling opportunities 254
options
 see also futures
 critique 535–40, 633–4
 earnings' impact 536–7
 expensing impacts 536–8
 management options 30, 179, 181–2, 529–40,
 633–4
 valuations 535–6
 volatility 535–40
Opus Dei 58
orbitofrontal cortex 298–9
order-of-information effects, stories 193–4, 301
Oskamp, K. 135–7
OTC securities 245
outperformance 241–2, 247, 249, 259–69, 295, 307,
 310–12, 340–53, 357, 373–4, 375–6, 381–2,
 405–21, 450–2
 see also performance issues
 quant models 259–69, 340–53
Oval 211
overclaiming credit bias 611–12, 620–1
overconfidence bias
 see also hindsight...; illusion...;
 self-deception...
 accuracy factors 528
 calibration curves 109–12, 117–18
 concepts 20–3, 33–4, 63, 71–3, 99–101, 105–21,
 133–40, 143–57, 164–5, 168–75, 259–69, 290,
 293, 301–2, 307, 312, 318, 369–70, 439–44,
 469, 477, 497–500, 528
 corporate managers 143–57, 459
 experts 21–3, 105, 110–21, 259–60, 268–9, 293,
 301–2, 369–70, 439–44, 469, 477, 497–500
 forecasts 99–100, 105–21, 148, 301–2
 quant models 259–60, 268–9, 301–2
 test 109–10, 113–14
overoptimism bias
 see also illusion...; self-deception...
 concepts 20–3, 33, 63, 71–3, 82–3, 99–101, 105,
 109–21, 143–57, 211, 307, 312, 318, 459–60,
 469, 476–8, 489–90, 493, 497–505, 571–86
 examples 20–3, 82–3
 lovers 83
 test 82–3
overreactions to news, intrinsic bubbles 498–9
overtrading problems 97, 101, 177–86, 290,
 459–60, 476–8
overweight cash, contrarian approaches 254–5

- ownership factors
 endowment effect 30–6, 42–3, 286
 principal–agent problems 284–5
- pain of regret 484
- Pakistan 248, 257, 665
- panic 463–7, 472–3, 483–6
see also revulsion...
- paradox of the unexpected hanging 165
- paranoia 261, 655, 661
- parietal cortex 14, 299
- passive investing 235–46, 429–30
see also benchmarking; indexing
 change needs 235–46
- past performance 27–8, 226, 231–3
- past winners, future losers 129–30
- patience 219–22, 280, 297–300, 344, 357, 375–86
- pattern-spotting abilities 47–8
- payout ratios
 earnings growth 546–7, 566
 statistics 541, 545–7
- payouts
 concepts 539–40, 541–7, 552–6, 566
 total payout statistics 539–40, 541–7, 552–6
- PE *see* price/earnings ratio
- Pearson, Karl 575
- peer groups, benchmarking 484
- Pennington, N. 191–2
- pension funds 235, 243–4, 299, 374, 590, 594–5
- perceptual causation, unethical behaviour 628–9
- performance issues
see also returns
 active fund managers 225–33, 373–4
 bargain hunters 307–28, 337–53
 cheap countries 247, 257, 405–21
 choking under pressure 631–43
 contrarian approaches 251–7
 the dismal years 240–1, 388, 393
 fund managers 27–8, 179–86, 221–2, 225–33,
 238–9, 369–74
 Graham and Dodd PEs 329–36, 485–6, 569–71,
 581–6
 hiring/firing decisions 373–4
 incentives 181, 183, 631–43
 indexing 225–33, 278, 373, 429–32
 information ratios 242–5, 278, 333–6, 409–21
Little Book strategy 337–53
 net equity issuance 355–65
 outperformance 241–2, 247, 249, 259–69, 295,
 307, 310–12, 340–53, 357, 373–4, 375–6,
 381–2, 405–21, 450–2
 past performance 27–8, 226, 231–3
 quant models 259–69, 312
 risks 447–52
 sector calls 387–93
 stock pickers 225–33, 238, 329–36, 387–93
 time horizons 174–5, 179–86, 277, 369–74,
 375–86
 value/growth contrasts 317–18
 working memory 631, 640–3
- persistence levels
 abnormal returns 249–51
 active share 231–2
- personal benefits
 Aspiration Index 657–60
 happiness 649–50, 655–65
- personality traits, happiness 649–50
- Peru 248, 257
- pessimistic viewpoints 254, 501–3, 649
- PET (positron emission topography) 5
- Petajisto, Antti 225–6, 227–33
- Petty *et al* 200–2
- Philips, Thomas K. 565–6
- philosophy, beliefs 197–205
- photocopier queues, placebo information 57–8,
 101
- pigeons 47–53, 71–3
- Piotroski, Joseph 312, 379, 449–50, 489
- placebic information 57–9, 101
- plan sponsors, needs 241–2, 244–5, 299–300
- plasticity, learning concepts 15
- polarization problems, group-based decisions 209,
 214–15
- politics 74–6, 149
- Ponzi scheme 466
- Poon, S.K. 303–4
- The Pope 215
- Popper, Karl 24, 83
- portable alphas
see also alphas
 concepts 426, 432–5
- portfolios 27–8, 63, 73, 129–30, 225, 227–33, 271,
 273–6, 309–28, 395–403, 553–61
 active share 225, 227–33
 bargain hunters 307–28, 337–53
 best value investors 271, 273–6, 295
 capital asset pricing model 427–35
 dilution 549, 553–61
 Fortune 10 buy-and-forget portfolio 275
 global returns 309–28
 Graham and Dodd PEs 332–6, 485–6
 highly concentrated portfolios 271, 273–6, 295
 illusion of control 63, 73
 long-only portfolios 242–4, 333–6, 405, 408–9,
 412–21, 447, 489, 491, 581–6, 608–9
 long/short portfolios 255–7, 332–6, 343–4,
 398–403, 405–21, 469, 489–91, 587, 589,
 608–9
 mean-reversion 27–8
 rebalances 244–5, 553–4
 sector-relative factors 395–403
 winners/losers long-term performance in
 momentum strategies 129–30
- positive feedback
 bubbles 457–9, 473–6, 504–5
 VaR models 439–40

698 Index

- positive reviews, experiences 655–6, 663–5
 positron emission topography (PET) 5
 possessions
 see also materialism
 happiness 647, 650–1, 653, 655–65
 power figures, obedience tendencies 143, 151–3, 292, 599, 604–8
 Prechter, Robert 515–16
 prefrontal cortex 6, 14, 298–9, 527
 premiums, value investors 310–12, 331–2, 384–6, 391
 price bubbles *see* bubbles
 price to book ratios 389, 395, 398–403, 405, 428–9
 cheap countries 405, 408–21
 sector-relative factors 398–403
 price to cashflow, sector-relative factors 400–3
 price/earnings ratio (PE) 123, 125–30, 139, 195–6, 219, 221, 237–9, 255–6, 307–28, 329–36, 341, 375–6, 398–403, 451–2, 477, 563, 566–72
 see also share prices
 bargain hunters 307–28
 cheap countries 405, 408–21
 cyclically adjusted PEs 329–36
 EBIT/EV contrasts 341, 345–9
 forward PE valuation method 123, 125–30, 256–7, 569–70
 Graham and Dodd PEs 219, 221, 255–6, 273, 329–36, 485–6, 569–71, 581–6
 Hussman's PEs 495, 571–2
 Japanese bubble 477
 Little Book strategy 341, 345–9
 sector-relative factors 398–403
 statistics 307, 309–28, 375–6, 408–9, 421, 450–2, 566–72
 trailing PE valuation method 123, 125–7, 331–6, 345–6, 377, 569–72
 pride
 see also forecasts
 seven sins 97, 99–100, 103–30
 primacy of emotions 5–15
 primary trends, Dow theory 514–16
 principal–agent problems 284–5
 principle component analysis 510–11
 processing efficiency, illusion of knowledge 137–8
 profit and loss statements 30
 profit margins, best value investors 271, 275–6, 295, 449–50
 profit warnings 23, 37–8
 profitable reinvestment theory, critique 284–5
 profits
 see also earnings
 contrarian approaches 251–3
 retained earnings 284–5, 290, 472–3, 531–40
 Pronin *et al* 301–2
 propositions, distractions 197–8, 200–5
 prospect-theory bias 20
 psychology
 bubbles 493–506, 507–17
 ethics 611–29
 happiness 647–53, 655–65
 incentives 631–43
 risks 20, 30–5, 42–3, 51–2, 86, 89–90, 293, 296–7, 445–52
 psychopaths 617
 psychosis 259, 261–2, 617
 purchasing managers, quant models 264–6
 the pursuit of happiness 655–65
 quality issues
 contrarian approaches 252–3
 junk equities 247, 251–2, 279, 290
 Little Book strategy 341–2
 quant models
 see also Little Book strategy
 alphas 267
 Bordeaux wines 259, 263–5
 concepts 221, 259–69, 312, 337–53
 criminal recidivism 259, 263
 fund managers 259, 267–9, 312, 337–8
 human judgements 264, 266
 inertia problems 259–60, 269
 meta-analysis 266
 neurosis/psychosis diagnosis 259, 261–2
 outperformance 259–69, 340–53
 overconfidence bias 259–60, 268–9, 301–2
 performance issues 259–69, 312
 purchasing managers 264–6
 redundant workers 259–60, 269
 self-serving bias 259–60, 268–9
 statistics 259
 university admissions 259, 263
 usage 259, 261–4, 267–9
 Quant team 123, 126–7, 329, 331, 339, 377, 407–8, 429
 quantitative approaches, investor behaviour 102
 racism, implicit attitudes 611, 618–19
 railway boom, UK 466, 507
 random moves, financial markets 55–61, 138–9
 random walks 138–9
 rational/near-rational bubbles 493, 496–8, 500–6
 see also bubbles
 rationality 12–13, 164–75, 189–96, 473, 493, 496–8, 500–3, 614–15, 617–27, 664–5
 bounded rationality 168–75, 611–12, 617–27
 evidence 191–2, 575
 moral judgements 614–15
 stages 191–2
 rats 47–8
 Rau *et al* 478
 reactionary change 235–46
 reactive devaluations 19–21
 reading
 see also stories
 believing everything you read (sloth) 97, 101, 187–205
 real dividend growth 237–9
 realists, momentary realists 7

- reasoning
 dual process theories of thought 5–15, 74–6,
 85–94, 281, 297–300, 445–52, 524–8, 585,
 615–19
 iterative dominance 169–70
 motivated reasoning 73–6
 neuroscience 5–7, 75–6, 85–6, 297–300, 527,
 615–16
 rebalances 244–5, 553–4
 rebias considerations 36
 recency-effect bias, concepts 28–9, 301
 Recruit Cosmos 482
 redundant information 133–40
 redundant workers
 computers 259–60, 269
 quant models 259–60, 269
 refutation trades, risk managers 437, 439–44, 498,
 581, 584–6
 reflective practices 94, 616–17
 happiness 647, 652–3
 reflexive contrasts 94
 reflexive reasoning 6–16, 85–6, 94, 616–17
see also emotions
 regression analysis
 bubbles 509–16
 economic cycles/returns 576–8
 regret theory 20
 rejection 13, 14, 300
see also social pain
 relationships
 Aspiration Index 657–60
 happiness 647, 649–51, 652–3, 655–65
 relative returns 240–6, 286, 333–6, 344, 434–5
 relative valuation method 123, 125–6
 religion 58, 199, 215, 650
 remuneration methods, fund managers 181, 183,
 244, 272
 representations of the self, ethics 629
 representativeness bias
see also heuristic-simplification...
 concepts 20, 27–8, 84–5, 284, 360–1, 498–500,
 509–17
 examples 27–8, 84–5, 360–1
 test 84–5
 Republicans 74–6, 149
 repurchases *see* share repurchases
 Research Affiliates 429–30
 respect benefits, group-based decisions (wrath) 209,
 215
 responsibility issues, moral-disengagement factors
 608–9, 628–9
 retail investors, returns-chasing behaviour 372–4
 retained earnings, critique 284–5, 290, 472–3,
 531–40, 552–6
 retained earnings yield 537–40, 552–6
see also earnings yields
 concepts 537–40, 552–6
 statistics 537–40, 552–6
 retracements, technical analysis 515–16
 return on assets (ROA), *Little Book* strategy 340–53
 return on capital (ROC)
 definition 339–40
Little Book strategy 337–53
 returns
see also dividend...; performance issues;
 profit...
 abnormal returns 249–51, 254–7, 384–6, 575–80,
 608
 absolute returns 240–6, 296–7, 469, 489–91
 alternative investments 587–96
 bad years 240–1, 271, 278, 295, 296–7, 337–8,
 344–5, 367, 388, 393
 betas 428–35
 bonds 238–40, 241, 462–3, 487–8, 573–80
 capital asset pricing model 427–35
 cheap countries 247, 257, 405–21
 commodities 587–8
 component parts 531–40, 563, 565
 contrarian approaches 251–3
 cost of capital 55–7, 181–2, 565–6
 cumulative normal charts 566–9
 cyclically adjusted PEs 329–36
 the dismal years 240–1, 388, 393
 economic cycles 573–80
 emerging equity markets 189–90, 194–6, 247–8,
 256–7
 global returns 309–28
 Graham and Dodd PEs 329–36, 569–71
 growth investors 309–28, 375–86, 450–2
 inside information 355–65
Little Book strategy 337–53
 long-run returns 237–9, 367–74
 low returns 563–72
 net equity issuance 355–65
 persistence levels 249–50
 relative returns 240–6, 286, 333–6, 344, 434–5
 risks 47–8, 86–7, 181–3, 184–6, 219–22, 247,
 251–2, 290, 318, 346–9, 359–60, 401–3,
 408–21, 445–52
 sector-relative factors 395–403
 sentiments 254–7, 463–7, 483–6, 565–6
 time horizons 174–5, 179–86, 271, 277, 369–74,
 375–86, 565
 total payout statistics 539–40, 541–7, 552–6
 transition probabilities 378–9
 valuations 237–9, 288, 531–40, 565–72
 value investors 309–28, 375–86, 387–93, 450–2
 returns-chasing behaviour, retail investors 372–4
 reverse-engineering benefits, valuations 17, 27
 revolutionary change 235–46
 revulsion stage, bubbles 455, 457, 463–7, 483–6,
 507, 509, 514–17
 rewards, dopamine effects 13, 75–6, 297–300
 Rhea, Rupert 514–15
 ride-your-winners/sell-your-losers maxim 17, 33–6,
 40–1
 right lateral prefrontal cortex 527
 risk exposures, fund managers 174–5, 184–6

- risk managers
 concepts 219–22, 273–4, 393, 437–44
 correlations 437
 critique 219–22, 273–4, 393, 437–44
 reflation trades 437, 439–44, 498, 581, 584–6
 safeguard systems 437–44
 VaR models 437, 439–44
- risk models
see also Value-at-Risk (VaR) models
 crash of 1987 441–2
 critique 437–44
 dollar/yen carry trade (October 1998) 441–2
 dynamic hedging 441–2, 444
 endogenous/exogenous assumptions 437, 440–4
 LTCM 441–2
 Russian default (August 1998) 441–2
- risk tolerance 59, 86–7
- risk-free rates 425–35, 448, 535
- risks
see also business...; financial...; valuation...; volatility
 alternative investments 587–96
 assessments 174–5, 184–6, 219–22, 271, 273–5, 276, 290–1, 445–52
 betas 425–6, 428–35, 445–52
 budgets 439–40
 capital asset pricing model 427–35
 cheap countries 405–21
 commodities 590–1
 concepts 219–22, 247, 251–2, 271, 273–5, 276, 290–1, 427–35, 437–44, 445–52, 587–96
 critique 445–52
 definitions 219, 222, 445–52
 downside risks 445–52
 elements 445–52
 emotions 7–11
 endogenous/exogenous assumptions 437, 440–4
 gambling analogy 437, 440–4
 investment perspectives 445–6, 448–52
 nature 219, 222, 437–42
 performance measurement 447–52
 psychology 20, 30–5, 42–3, 51–2, 86, 89–90, 293, 296–7, 445–52
 returns 47–8, 86–7, 181–3, 184–6, 219–22, 247, 251–2, 290, 318, 346–9, 359–60, 401–3, 408–21, 445–52
 sector-relative factors 397–8, 401–3
 Sortino ratios 445, 448–52
 types 445–52
 value investors 318, 359–60, 450–2
 VaR models 437, 439–44
 variance 431–5, 448–52
- risky investments, volatility increases 535–40
- rituals 71–2
- ROA *see* return on assets
- robber barons 549–61
- ROC *see* return on capital
- ROE 137–8, 449–50, 565–7
- roll returns, commodities futures 587–8, 591–5
- Roman Catholic Church 58
- romantic relationships, impact bias 37, 45
- Ross *et al* 601–2
- rotations 256–7, 397–403, 573–80
- Rothchild, John 477
- rules, happiness 647
- rumours 189–96
see also stories
- Rumsfeld, Donald 149
- Russell
 1000 433
 2000 228
 3000 346
- Russell, D. 68–9
- Russian default (August 1998) 441–2
- Russo, J.E. 149–51
- Rustichini, A. 633–4, 638–9
- Ryan, Richard 655, 657–9
- S&P500 25, 108–9, 127–8, 227–8, 231, 237–8, 252, 370–1, 433, 439–40, 461–3, 478–80, 495, 501–6, 511–15, 529–34, 538–41, 546, 552–5, 568, 581
see also Standard and Poor's...
- sadness 6–7
see also emotions
- safety margins, concepts 273–5, 290–1, 307, 318, 446, 450–2
- Samuelson, Paul 303
- Sapp, T. 372–4
- Sarbanes & Oxley legislation 466
- scepticism 197–205, 219–22, 228–9, 633
- Scott, F.C. 274
- Scrusby, Richard 601
- SDC (Securities Data Company) 533
- seasonal results 55–61
- SEC 357, 532
- secondary reactions, Dow theory 514–16
- secret ballots, group-based decisions (wrath) 209, 215
- secretaries, placebo information 57–9
- sector-neutral strategies 221–2
- sector-relative factors
 absolute-value contrasts 399–403
 accounting regimes 395–6, 398–403
 backtests 395–403
 capital structures 395, 398–403
 concepts 395–403
 dividend yields 398–403
 methodology 398
 PEs 398–403
 price to book ratios 398–403
 price to cashflow 400–3
 regional results 399–403
 results 398–403

- returns 395–403
- risks 397–8, 401–3
- small/large caps 395–403
- sectors
 - betas 231
 - cheap sectors 387–93
 - concepts 228–33, 387–93, 395–403, 484–6, 552–61, 573–80
 - critique 228–33, 387–93, 395–403
 - economic cycles 579–80
 - growth investors 387, 390–3
 - industry-relative factors 395–403
 - Little Book* strategy 350–3
 - market/economy links 552–4, 573–80
 - momentum strategies 387–93, 395–403
 - performance issues 387–93
 - post-bubble winners 484–6
 - rotations 256–7, 397–403, 573–80
 - value investors 387–93, 395–403
- Securities Data Company (SDC) 533
- Security Analysis, and the Rediscovered Ben Graham* (Lowe) 281, 329, 331, 337, 339
- self-attribution bias
 - see also* self-deception. . .
 - concepts 20, 24, 33, 44, 63, 67–9, 76
 - decision matrices 24, 69
 - decision-making 24, 44, 63, 67–9, 76
 - examples 67–9
 - learning from mistakes 20, 24, 63, 67–9, 76
- self-control
 - biases 20
 - concepts 11–15, 20, 287, 609, 640–3
 - emotions 7–15, 20, 609
 - food experiment 12–13
 - fund managers 13
 - limited resources 11–15, 609, 640–3
 - muscle analogy 11–13
- self-deception bias
 - see also* confirmation. . . ; hindsight. . . ; illusion. . . ; overconfidence. . . ; overoptimism. . . ; self-attribution. . .
 - concepts 19–24, 63–76, 82–4, 99–101, 143–57, 611–12, 613–14, 627–9
 - corporate managers 143–57, 459
 - examples 19–24, 82–4, 613–14
 - learning 20–4, 63–76
 - reduction techniques 611, 629
 - test 82–4
 - unethical behaviour 627–9
 - veil of ignorance 629
- self-esteem
 - fragility 24, 67–8
 - happiness 658–9
 - self-control 12–13
- self-focus theory, incentives 631, 640–1
- self-fulfilling prophecies 185–6
- self-interests 19–20
- self-serving bias 19–21, 259–60, 268–9
- self-vs-others perceptions, biases 19, 35, 44
- sell-your-losers/ride-your-winners maxim 17, 33–6, 40–1
- semi-variance
 - see also* downside risks
 - Sortino ratios 448–52
- sensory cortex 6
- sentiments
 - financial markets 59–61, 254–7, 279, 463–7, 483–6, 506, 565–6
 - returns 254–7, 463–7, 483–6, 565–6
 - stock pickers 255–7
 - valuation/sentiment matrix 565–6
- Sentix 171–3
- Sequoia Fund 273
- set point, happiness levels 649–50, 652
- seven sins
 - believing everything you read (sloth) 97, 101, 187–205
 - forecasts (pride) 97, 99–100, 103–30, 148, 283–4
 - fund managers 95–215, 273
 - group-based decisions (wrath) 98, 101, 207–15
 - illusion of knowledge (gluttony) 97, 100, 131–40
 - meeting companies (lust) 100, 140, 141–57, 355–7, 365
 - short time horizons and overtrading (avarice) 97, 101, 164–5, 174–5, 177–86, 282–3, 287, 293, 297–300, 367–74, 439–44, 459–60, 476–8, 497–8
 - thinking that you can outsmart everyone else (envy) 97, 100–1, 159–75
- sex, happiness 647, 652–3
- sexism, implicit attitudes 611, 618–19
- sexual stimuli, empathy gaps 42–3
- sexually aggressive behaviour 11
- Shakespeare, William 189, 191
- share options *see* options
- share prices 25–7, 123, 125–30, 139, 195–6, 219, 221, 237–9, 249, 255–6, 288–9
 - see also* price. . . ; volatility
 - anchoring/salience bias 25–7, 288–9
 - consensus views 249
- share repurchases 355–65, 529–61
 - see also* buybacks
 - announcements 532–3, 543–7, 551–2
 - completions 543–7, 551–2
 - critique 529–40, 541–7, 549–56
 - dividend yields 529–40, 541–56
 - earnings 544–7, 549–61
 - myths 529–40
 - net figures 529, 533–40, 543–7, 551–2
- shareholders
 - activism 607–8
 - corporate governance 607–8
 - principal-agent problems 284–5
 - total payout statistics 539–40, 541–7, 552–6

- shark attacks, recency-effect bias 28–9, 301
 Sharpe, Litner and Treynor 427
 Sharpe ratios 240–1, 445, 448
 sheep index
 see also herd...
 fund managers 251
 Sheldon *et al* 649–52, 655
Sherlock Holmes 309, 407, 549, 551
 Shiller, Robert 282, 370, 495–9
 Shiv *et al* 49–53
 short run 239–46, 367–74
 see also time horizons
 short small caps, contrarian approaches 255–7
 short time horizons and overtrading (avarice),
 seven sins 97, 101, 164–5, 174–5, 177–86,
 282–3, 287, 293, 297–300, 367–74, 439–44,
 459–60, 476–8, 497–8
 short-term gains, dopamine effects 13–15, 287,
 297–300
 short-term moves 235–46
 short-termism behaviour 13–15, 179–86, 282–3,
 287, 293, 297–300, 367–74, 504–5
 see also time horizons
 critique 179–86, 282–3, 287, 293, 297–300,
 367–74
 neuroscience 13–15, 287, 293, 297–300
 shorting 235–46, 472
 bad reputation 243
 change needs 235–46
 costs 243
 critique 235, 243–4
 Shynkaruk, J.M. 526–8
 SIA survey, expected returns 501–2
 SIC (Standard Industrial Classification) 389,
 398
 Simonsohn *et al* 269
 ‘single prediction’ ego defence 117–19
 siren calls 312, 355, 365
 situational perspectives
 see also fundamental attribution error
 bad behaviour 151–3, 599–609, 628–9
 size issues, sector-relative factors 395–403
 skills
 fund managers 227–33, 278, 293, 301–2
 overconfidence bias 20–3, 33–4, 63, 71–3,
 99–101, 105–21, 293, 301–2
 self-attribution bias 24, 36, 63, 67–9, 76
 Skinner, B.F. 71–3
 sleep, happiness 647, 653
 slippery slopes, unethical behaviour 628
 sloth, seven sins 97, 101, 187–205
 Slovic, Paul 20–1, 70–1, 133, 135–7
 small cap portfolio bets 247, 250–7, 395–403
 SMB, fund management group factor betas 231
 smiling exercises, emotions 7
 Smith, Adam 281, 459, 505, 647, 650, 653
 Smith, Vernon 471–2, 503, 512
 smoking, false consensus effect 167
 Snijders, Professor Chris 264
 social pain 14, 213–14, 293, 300
 see also herd behaviour
 contrarian approaches 300
 social rewards, happiness 649–51, 656–65
 social-interaction bias
 see also herd...
 concepts 19–21
 social-status factors, group-based decisions (wrath)
 213–14
 Sortino ratios
 concepts 445, 448–52
 definition 448
 Sharpe ratios 448–9
 South Africa 116, 118
 South Sea bubble 466, 507, 510
 Soviet Union 116, 118
 Spain 247, 257, 409, 605
 speculation 179, 185–6, 277, 279, 281–3, 367–9,
 459–67, 473, 497, 506, 515–16, 592–4
 commodities 592–4
 concepts 179, 185–6, 277, 279, 281–3, 367–9,
 459–67, 497, 506
 critique 279, 281–3, 367–9, 459–67, 473, 497,
 506
 enterprise 281–2
 investment contrasts 279, 281–3, 459
Speculative Contagion (Martin) 448–9
 speed dating 649
Spektrum 170–1
 Spinoza, Benedict 197–205
 Mr Spock approach, dual process theories of
 thought 5, 615–16
 spot returns, commodities futures 587, 591–5
 Sri Lanka 257
 standard deviation 237–9, 240–1, 318, 411–21,
 445–52, 590–1
 see also variance; volatility
 Standard Industrial Classification (SIC) 389, 398
 Standard and Poor’s quality rankings 251–2
 see also S&P...
Star Wars (film) 124, 130
 statistical groups
 see also group...
 performance issues 211–12
 statistical models
 see also quant...
 concepts 261–9
 status quo bias
 see also loss-aversion...
 concepts 30–5
 stereotypes 611, 618–20
 see also implicit attitudes
 Stigler, George 261
 Stigler, Stephen 575
 stock pickers 119–20, 225–33, 238–9, 255–7,
 301–2, 329–36, 375–86, 387–93, 395–403,
 469–91

- see also* active fund managers
 active share 225, 227–33
 bubbles 469–91
 concepts 119–20, 225–33, 238–9, 255–7, 301–2, 329–36, 375–86, 387–93, 395–403, 469–91
 critique 225–33, 301–2, 329–36, 387–93, 469–91
 cyclically adjusted PEs 329–36
Little Book strategy 221, 261, 296–7, 337–53
 performance issues 225–33, 238, 329–36, 387–93
 sector-relative factors 395–403
 sentiments 255–7
 types 225, 227–33
 stockbrokers
 see also fund managers
 dreams/nightmares 189, 191
 stop-loss systems 379–80, 441–3
 stories 55–61, 97, 101, 125, 187–205, 219–22, 293, 301, 307, 357, 365, 575, 665
 see also excuses; explanation-based
 decision-making; reading
 acceptance problems 55–61, 97, 101, 187–205, 575
 China 189–90, 194–6, 594
 critique 187–205, 219–22, 293, 301, 307, 357, 365, 575, 665
 decision-making 189–96, 219–22, 293, 301
 emerging equity markets 189–90, 194–6
 jurors 191–3
 order-of-information effects 193–4, 301
 strategic asset allocations (SAA)
 change needs 235–46
 valuations 238–9
 strategic diversification 244
 strategic thinking
 beauty contest analogy 165–75, 440–1
 thinking steps 168–75, 440–1
 strokes 53
 style rotations 256–7, 397–403, 573–80
 successful investors 183–4, 219–22, 241–2, 271–8
 see also best value investors
 key traits 271–8, 295
 Summers, Larry 55, 59
 Sun Microsystems 531
 Sunstein, Professor 211–12
 superstitions 71–2
 Surowiecki, James 211
 survival instincts 17–36
 Sweden 638–9
 swindles 75, 463, 466–7, 482–3, 601
 see also bad behaviour; fraud
 bubbles 463, 466–7, 482–3
 Switzerland 257, 409
 syllogisms 521–6
 synchronizing events, concepts 504–5
 System C, dual process theories of thought 5–6, 14, 74–6, 85–94, 281, 297–300, 525–7, 585–6, 615–19, 641
 System X
 belief bias 524–8
 dual process theories of thought 5–6, 14, 25, 74–6, 85–94, 281, 297–300, 445–52, 521–8, 585, 615–19, 641
 moral judgements 615–19
t-stats 333–6, 399–403, 409–10, 575–80
 TAA enzymes 73–5
 tactical asset allocations (TAA)
 concepts 239–45, 261
 critique 261
 Taleb, N. 227
 Tasker, Peter 148, 381, 476–7, 481, 484
 Taylor rule 458, 474–5
 technical analysis
 see also Dow theory; Elliot Wave theory
 bubbles 507, 514–17
 concepts 514–17
 Telecoms sector, USA 390–2
 Templeton, Sir John 14, 221, 247–9, 254, 257, 300, 434–5
 Tenbrunsel, A.E. 627–8
 test, biases 79–94, 109–10, 120
 Tetlock, Philip 105, 115–19
 Texas, USA 263
 Thailand 248, 257, 510
 thalamus 6
 theology 199
The Theory of Moral Sentiments (Smith) 281, 650, 653
 thinking steps, games 168–75
 thinking that you can outsmart everyone else (envy), seven sins 97, 100–1, 159–75
 Third Avenue Value Fund 276
 Thompson, V.A. 526–8
 Thomson Financial 533, 537, 554–60
 timber, alternative investments 245
 time horizons 97, 101, 123, 125–30, 164–5, 174–5, 177–86, 271, 277, 287, 293, 297–300, 329–36, 375–86, 439–44, 473, 484–5, 497–8, 565–7, 575–80
 see also short-termism behaviour
 best value investors 271, 277, 293, 295, 297–300, 375–6
 critique 179–86, 271, 277, 287, 293, 297–300, 329–36, 375–86, 439–44, 497–8, 565–7
 deflation 484–5
 economic cycles/returns 575–80
 fund managers 174–5, 179–86, 271, 277, 287, 293, 297–300, 375–86, 439–44, 497–8
 hedge funds 370–1, 489
 mutual funds 179, 181–2, 183–4, 277, 367, 372–4, 377–8
 patience 219–22, 280, 297–300, 344, 357, 375–86

- time horizons (*Cont.*)
 performance issues 174–5, 179–86, 271, 277, 369–74, 375–86
 returns 174–5, 179–86, 271, 277, 369–74, 375–86, 565
 short time horizons and overtrading 97, 101, 164–5, 174–5, 177–86, 282–3, 287, 293, 297–300, 367–74, 439–44, 459–60, 476–8, 497–8
 statistics 179–86, 271, 277, 297–300, 367–86
 valuations 123, 125–7, 565–7
- Tirole, J. 407
 Titman *et al* 490–1
 TMT bubble 25, 70, 274, 278, 395, 397, 606
 Tobin's Q 477
 'torpedo' risks 314
 torture 151–3, 599
 total payout statistics, shareholders 539–40, 541–7, 552–6
 total return valuation method 125–7, 433–5
 tracking error 227–33, 247, 273–4, 425–35
 trading range environments, economic cycles 579–80
 traditions 509
 trailing earnings, investment strategies 106, 120–1, 123, 125–7, 329–36, 345–6, 377, 569–72, 575–80, 583–6
 trailing PE valuation method 123, 125–7, 331–6, 345–6, 377, 569–72
 training, deception training 154–6
 transition probabilities, returns 378–9
 trend earnings, critique 571–2, 581–6
 trend reversals 124, 129–30
 truth, lies 97, 100, 143–5, 153–7
 Turkey 248, 257
 Tversky 23, 25, 29, 30, 31, 84, 120, 168
 Tweedy Browne 271, 273–4, 278
 Tyco 482, 601
 Tyska, T. 117–19
- UK 247, 256–7, 296, 337–53, 401–3, 407–9, 430, 443, 466, 507, 510, 549, 556–7, 605
 bubbles 466, 507, 510
 cheap countries 247, 257, 407–9
 correlation statistics 407–8, 443
 dilution statistics 549, 556–7
 EPS/DPS/GDP growth statistics 556–7
Little Book strategy 337–53
 railway boom 466, 507
 sector-relative factors/ absolute-value contrasts 401–3
 South Sea bubble 466, 507, 510
 USA correlated returns 407–8
- UMD, fund management group factor betas 231
 UN 168
 unbelieving strategy, beliefs 197–8, 204–5
 unbounded objectivity 611–12, 629
- unconscious biases
see also implicit attitudes
 concepts 611, 615, 617–29
 underperformance issues 179–86, 225–33, 238, 271, 278, 299–300, 311–12, 314, 344–5, 357, 370–2, 379, 450–2
- understanding
 beliefs 197–205
 concepts 197–205
- unethical behaviour, *see also* bad behaviour; ethics
 university admissions, quant models 259, 263
 unpacking practices, overclaiming credit bias 620–1
- upside risks
see also risks
 concepts 445–52
- USA 55–61, 107, 151–3, 235–46, 263, 271, 273–4, 276–9, 296, 311–17, 321–3, 337–53, 370–4, 377–86, 400–3, 407–9, 430, 448–50, 455–67, 472–91, 507, 510–11, 529–72, 584, 601–9, 650–2, 661–3
 bad behaviour 601–9
 bargain hunters 311–17, 321–3
 beta studies 428–9
 bubbles 455–67, 472–91, 507, 510–11
 business risk studies 449–50
 capacity levels 481
 correlation statistics 407–8, 443, 488
 deflation 481–2, 507
 dilution statistics 549–61
 dollar/yen carry trade (October 1998) 441–2
 earnings optimism 584–6
 electric-shock experiments 151–3, 599, 604–8
 EPS/DPS/GDP growth statistics 554–6
 growth investing 311–17, 321–3
 happiness studies 650–2, 661–3
 inflation 55–61, 107, 573–80
Little Book strategy 337–53
 low returns 563–72
 net equity issuance 357–63, 364
 portfolio concentration 271, 273–4
 sector-relative factors/ absolute-value contrasts 400–3
 Sharpe/Sortino ratios 448–9
 short-term performance 370–2
 Telecoms sector 390–2
 UK correlated returns 407–8
 valuations 563–72
 value investing 311–17, 321–3
 utility concepts 13–14
- valid beliefs, belief bias 523–4
 valuation risks
 concepts 271, 276, 445–6, 450–2
 definition 446, 450
 statistics 450–1

- valuations 17, 25–7, 123–30, 146–8, 237–9, 271, 276, 282–3, 288, 335, 377, 395–403, 445–52, 531–40, 563–72
 analysts 123–30, 288
 anchoring/salience bias 25–7, 288–9
 bull markets 517, 567–8
 critique 123–30, 282–3, 288, 312–14, 335, 377, 395–403, 445–52, 565–72
 Graham and Dodd PEs 219, 221, 255–6, 273, 329–36, 485–6, 569–71, 581–6
 growth investors 312–14, 375–86, 450–2
 historical factors 569–72
 low returns 563–72
 methods 123–30, 271, 276, 288, 569–71
 options 535–6
 returns 237–9, 288, 531–40, 565–72
 reverse-engineering benefits 17, 27
 sector-relative factors 395–403
 time horizons 123, 125–7, 565–6
 USA 563–72
 valuation/sentiment matrix 565–6
 value added 242–5, 330, 336, 369–74, 387–93, 409, 433–4
 value investors 219–22, 271–8, 280, 293–304, 307–28, 355–65, 375–86, 387–93, 429–35, 450–2
see also best value investors
 anatomy of value 310–12
 arbitrage 377–86
 bad states of the world 362–3
 bargain hunters 307–28, 337–53
 behavioural stumbling blocks 293–304
 cheap countries 405–21
 cheap stocks 307–28, 333–6, 337–53, 382–3, 391–3, 405–21, 446, 450–2
 concepts 271–8, 295, 307–28, 450–2
 critique 307–28, 375–86
 global returns 309–28
 good intentions 294, 303–4
 growth investors 317–18, 375–86
 key traits 271–8, 295
Little Book strategy 221, 261, 296–7, 337–53
 momentum strategies 383–6, 387–93
 net equity issuance 355–65
 patience 219–22, 280, 344, 357, 375–86
 PE values 309–28
 premiums 310–12, 331–2, 384–6, 391
 returns 309–28, 375–86, 387–93, 450–2
 risk-adjusted returns 318, 450–2
 risks 318, 359–60, 450–2
 sectors 387–93, 395–403
 statistics 309–28, 375–86, 389–93, 450–2
 stop-loss systems 379–80, 441–3
 value issuers (VI), inside information 358–65
 value repurchases (VP), inside information 355–65
 value traps 312
- Value-at-Risk (VaR) models
see also risk models
 critique 437, 439–44
 LTCM 441–2
 positive feedback 439–40
 usage 439–40
 vicious circles 439–40
 value-based strategies, uses 120–1, 219–22
 value-oriented approaches 219–22
 Van Boven, L. 655, 661–5
 Van Knippenberg *et al* 611, 619–20
 Vanguard Legend 181
 Vansteenkiste *et al* 658
 VaR models *see* Value-at-Risk...
 variance
see also standard deviation
 mean-variance efficient portfolios 427–35
 risks 431–5, 448–52
 Sortino ratios 448–52
 veil of ignorance, decision-making 629
 ventral medial prefrontal cortex (VMPFC) 527
 video tests, lie-detection experiments 153–4
 Vietnam War 214
 Visaltanachoti, N. 60–1
 VMPFC (ventral medial prefrontal cortex) 527
 volatility
see also betas; historic...; market risk; risks
 commodities 590–1
 concepts 219–22, 271, 274–6, 279, 281–2, 367–8, 433–4, 437–44, 445–52, 535–40, 587, 589
 corporate managers 535–40
 critique 219, 222, 271, 274–6, 279, 281–2, 295, 367–8, 445–52, 535–40
 excess volatility 279, 282–3, 367–8, 370–4
 hedge funds 587, 589
 increases 535–7
 price/fundamental contrasts 367–8, 370–1
 risky investments 535–40
 share options 535–40
 volitional activities, happiness 652–3
 volumes
 bubbles 455, 463–7, 479–91
 market caps 463–5
 voodoo experiment 301–2
 VP (value repurchases) 355–65
- Wahal, S. 299–300, 373–4
 wealth dimension, Aspiration Index 657–60
Wealth of Nations (Smith) 281, 650
 weathermen, forecasts 110–11, 117–19
 weightings, experiences 269
 well-being 645–65
see also happiness
 Westen *et al* 74–6, 149
 Wharton 608
 Whitman, Marty 276
 wide mandates, change needs 235–46

706 Index

-
- Wilde, Oscar 76
Williams, John Burr 123, 125
Wiltshire 5000 228
wines, quant models 259, 263–5
Winners and Losers 381
winners/losers long-term performance in
 momentum strategies 129–30
Winning the Loser's Game (Ellis) 241
Wittenbaum *et al* 213
Wolford *et al* 52–3
working capital 279–80, 290
working memory
 capacity test 642
 incentives 631, 640–3
WorldCom 466, 482, 601
Worldscope data 363–4
wrath, seven sins 98, 101, 207–15
written records, biases 24, 63–4, 69–70, 76
WYSIWYG 29–30

X System *see* System X
Y2K 457–8, 474
Yahoo Behavioural Finance group 172
yield curves
 dollar/yen carry trade (October 1998) 441–2
 economic cycles 576–80
yield forecasts, bonds 107–9

Z-scores 449–50, 461–2, 478–80, 489
Zen of investing 521–2, 528
zero leverage, net equity issuance 363–4
zero sum games, alphas 241–2
Zielonka, P. 117–19
Zimbardo, Philip 599, 602–3

Index compiled by Terry Halliday