

Index

- abnormal profits, 93, 100
 ABSs, 41
 accountabilities, processes and outcomes, 170–72
 accounting manipulations, 259, 261–2
 accounting standards, 219
 accruals, 16, 251
 acquisitions. *See* mergers and acquisitions
 action bias, 151, 173, 175–8
 active managers. *See also* fund managers
 business risk worries, 17, 105
 career risk minimization characteristic, 4, 8, 11, 17, 39, 193, 355, 357
 admired companies, 90, 93
 Aklerof, George, 25
Alice in Wonderland (Carroll), 6
 alpha, 3–4, 8–9, 16–17, 19–29, 36, 63–4, 85, 90, 134, 145, 250, 252, 256
 Altman's Z score. *See also* balance sheet/financial risk
 concepts, 110–11
 American football, 195, 197
 analysts
 implied growth rates, 78–9
 pseudoscience, 29–38
 'and this, too, shall pass away' (King Solomon), 123
 Anderson, Jenny, 249
 Antunes, Rui, 22, 47, 49, 99, 153
 APT. *See* arbitrage pricing theory
 arbitrage, 5, 11–12, 22–3, 151, 305, 366
 arbitrage pricing theory, 26
 Ariely, Dan, 85, 87, 115–17
 Arnott, Rob, 17, 23, 26, 289
 Asia. *See individual countries*
 asset allocations, value, 147, 152
 asset fire sales, 309–13, 368
 asset pricing models. *See also* arbitrage pricing theory, capital asset pricing model
 concepts, 19–28
 asset turnover, 251
 auditors, 187–8
 AutoNation Incorporated, 277
 average earnings, 107–9, 147, 207, 315–16, 319, 321, 329, 332, 343, 371, 374. *See also* earnings power
 EAA-rated corporate bonds, 325
 bad businesses, short selling candidates, 267–8
 bad companies
 identification methods, 274–5
 short selling candidates, 267
 bad managers
 psychopaths, 272–3
 short selling candidates, 267
 traits, 268
 balance sheet/financial risk
 Altman's Z score, 110–11
 assessment methods, 110–11
 concepts, 9–10, 105–7, 110–11, 146, 162, 229, 231, 252, 296, 306, 337, 349, 365
 definition, 105, 110–11
 Merton Model, 110
 Banco Santander, 296
 Bank of Japan, 307
 bankruptcy predictions, 110–11, 252, 277, 328
 banks, 41, 71, 157, 224, 249–50, 275, 296, 306–7, 311, 341, 351, 361, 364. *See also* housing markets
 bargain basement valuations, 107, 158, 295–7, 325, 329, 345. *See also* cheapness
 Barratt Developments, 207
 barriers to entry, competitive strategies, 275
 baseball, 152, 167, 173, 177
 bathroom scales, 187
 be-sceptical investment creed tenet VIII, 143, 158, 164
 be-unconstrained investment creed tenet IV, 143, 152, 158, 164

- bear markets, 41, 107, 121–7, 213, 355
 emerging markets, 283–9
 fear, 121–7
 psychology, 121–7
 valuation debates, 371–7
- Bear Stearns, 161, 293
- beers, 171
- behaviour, knowledge conflicts, 131
- behavioural stumbling blocks, value, 129–39
- benchmarking, 3, 8, 197, 205, 210, 225–7, 241, 304, 355
- Berkowitz, Bruce, 209, 267, 277
- Bernanke, Ben, 299, 305–7, 361, 364–6
- Bernstein, Peter, 5, 289
- Berra, Yogi, 47, 49
- best ideas, 17, 39, 43–4, 151, 267
- beta, 3, 8–10, 16, 19, 21–2, 47, 51, 57, 60–63, 145, 256, 288. *See also* capital asset pricing model, risk
 arbitrage, 22–3
- bias, 3, 7–9, 15–16, 29, 54, 57, 60, 85, 91–3, 123, 129, 151, 165, 168–70, 173, 175–8, 181–94, 229, 235, 250, 265, 267, 269–74, 277, 363, 373. *See also individual biases*
- biased assimilation, concepts, 270–71
- the Bible, 5
- Black, Fisher, 21
- Black and Scholes options pricing model, 157
- black swans, 325
- blackjack, 165, 167
- blood donors, 138–9
- Bogle, John, 163
- bonds, 25, 41, 51, 147, 207, 299–307, 311–12, 321, 325, 328, 332, 337, 343, 348, 366–7. *See also* fixed-income securities
 concepts, 311–20, 323, 333–5, 337–54, 378–82
 default rates, 41, 328
 fair value, 299, 304
 inflation/deflation debate, 305–7
 intrinsic value, 301–4
 long-term view, 301
 returns' components, 301, 311, 317
- book/market ratios, 6, 16, 22–3, 54–5, 83, 94, 101–2, 115, 147, 150–1, 211–17, 223–31, 233–41, 245–53, 293–5, 300–301, 303–9, 344–8, 360–66, 387–9
- Booker, Christopher, 241
- booms. *See also* bubbles
 concepts, 110, 267
- booze, 85–92
- boredom, 173, 177
- bottom-up approaches, 143, 151–2, 158–62, 164, 218, 225, 229, 232–3, 247–9, 325, 331–2, 337, 343, 348–54, 371, 374–6
- BP, 343, 349
- Bradford and Bingley, 296
- brain processes
 bullish bias, 181–94
 C-system, 121, 123, 125–6, 134, 181, 241
 fear, 17, 44, 121, 123–4, 127, 155–6
 information overload, 195, 199
 repetition, 102
 reward system, 190, 213
 X-system, 121, 123, 125–7, 133–4, 181, 183–4, 189, 191, 240–41
- Brazil, 224
- Bryan Armstrong, 36
- bubbles
 concepts, 4, 14–15, 39, 41, 65, 67–8, 70–71, 81, 151, 157–61, 176–7, 205, 212, 241, 243, 267, 281, 291, 295, 297, 299, 305, 328, 346, 363, 366, 373
 definition, 4, 14, 234–6
 emerging markets, 284–6
 Japan, 296, 299, 301, 305–7, 309, 312, 325, 333–4, 339, 343, 348
 phases, 157–8
- Buddhism, 122, 127
- Buffett, Warren, 145, 151, 158, 173, 177–8, 195, 229, 231, 275, 307
- bull markets, 67, 121, 123, 161, 206, 212
- bullish bias
 concepts, 181–6
 evidence-based investing, 193
 examples, 183–4
 nature sources, 186–7
 nurture sources, 187–91
 sources, 186–91
- Bush, George, 160, 189–90
- business cycle risk, 45, 55, 62–4, 318, 373. *See also* recessions
- business risk worries, active managers, 17
- business/earnings risk
 concepts, 9–10, 105, 107–10
 definition, 105, 107–10
 EPS values, 109
- buy orders, 113, 116–18
- buy-siders, 36
 forecasts, 184–5
 pseudoscience, 36
- C-scores
 concepts, 259–63
 definition, 259, 262
 empirical evidence, 259, 261–2
 underperformance issues, 259
- C-system, brain processes, 121, 123, 125–7, 134, 181, 241
- Canada, 219
- cap-weighted indices, critique, 24, 26

- capital asset pricing model (CAPM). *See also* Markowitz Optimization model (MO)
 assumptions, 19–21, 25–6
 concepts, 3, 8–9, 16, 21–8, 48, 52, 63–4, 145
 critique, 38, 21–8, 48, 52, 60, 63–4
 historical background, 21
 implications, 26–8
 practical uses, 21–4
 reasons for CAPM failure, 24–6
 uses, 21–4, 26–8
- capital discipline, short selling candidates, 254–5, 267–8
- Capital Group, 28, 338
- capital irrelevance theorem, critique, 3–4, 8, 10, 21
- capitalist systems, 80, 100
- CAPM. *See* capital asset pricing model
- career risk minimization characteristic of active managers, 4, 8, 17, 39, 355, 357
- Carroll, Lewis, 6–7
- Carroll, Paul, 265, 275–8
- cars, 199
- cash flows
 C-scores, 261–2
 DCF, 49–51, 325, 331
- cash holdings, deflation, 367
- CDOs, 160
- CDSs, 362, 370. *See also* insurance
- cell phones, 278
- CFA, 5–6, 17, 157
- Chanos, Jim, 267–8, 277
- cheapness, 85, 109, 136–7, 161, 219, 229, 231, 343
 bias, 85
 net-nets, 207, 229–35, 333, 343, 349, 353–4
- cheating scores. *See* C-scores
- China, 83, 224, 226, 286, 351–2
- choice architecture, concepts, 202
- Chrysler, 270
- ‘cigar butt investing’, 229, 231. *See also* net-nets
- Citigroup, 250, 295, 365
- Cleese, John, 5–6
- clients, treat-your-clients-as-you-would-treat-yourself investment creed X, 143, 162–3
- clinical depression, 182, 194
- Coffee Can Portfolio, 173, 179, 326, 337–41
- cognitive neuroscience, 32
- cognitive reflection test, 125
- Cohen, Randy, 17, 39, 43–4
- Colgate–Palmolive, 95
- Collins and Porras, 93, 95–6
- commodities markets, 41–2, 82, 151, 163, 212, 283, 291, 295, 315, 317, 331
- comparator companies, visionary companies, 93, 95–6
- competitive advantages, 275–8
- complexity problems, 153, 274
- concentrated portfolios, global value investments, 193, 225
- concept stocks, 241–3
- condoms, 129, 131
- confirmation bias, 15–16, 57, 59, 103, 192, 265, 267, 270–71
- conformity bias, 265, 272–3
- conglomerates, 160
- consensus estimates, portfolio management, 36–7
- conservative bias, concepts, 271
- consolidation blues, mature/declining industries, 278
- consultants, pseudoscience, 29–38
- contango, 42
- contrarian strategies, 136, 143, 147, 156, 205–13, 253, 291, 295. *See also* social pain
- dark days for deep value, 205–13
 investment creed tenet II, 143, 147–8, 156
- ‘convergence’ trades, 39, 41
- cooking-the-books scores. *See* C-scores
- corporate bonds. *See* bonds
- correlations, 9, 21, 29, 35, 41–2, 78–80, 202–3
- cost of capital, 10, 26, 47, 52–3, 55, 275, 302
- counterparty risk, inflation swaps, 368–9
- creative destruction, 267
- credit cycles, 143, 155–6, 161, 291, 294, 297
- critical thinking, 6–7, 31, 143, 158, 283. *See also* scepticism
- CRT. *See* cognitive reflection test
- current assets, 54–5, 207, 229, 231–2, 262, 333, 349
- current ratios, 207, 251, 333
- the curse of knowledge, 14, 31
- cycles-matter investment creed tenet VI, 143, 155–6, 164
- cyclical high earnings, 110, 315–6, 333
- DaimlerChrysler, 270
- dark days for deep value, 205–13
- day sales of inventory (DSI), C-scores, 262
- day sales outstanding (DSO), C-scores, 262
- DCF. *See* discounted cash flow
- DDM. *See* dividend discount model
- ‘dead parrot’ sketch, *Monty Python* (TV series), 5–6
- debt finance, 11, 150, 207, 251, 262, 267, 299, 301, 305–6, 311. *See also* bonds
- debt-deflation spiral, 363
- decision tree, investment decisions, 195, 202–3
- decoupling considerations, emerging markets, 281, 286–8

- deep value
 dark days, 205–13
 opportunities, 207, 311
 screens, 205, 315–16, 321, 349
 default rates, 41, 328–9
 deficient markets hypothesis, 6
 deflation, 14, 65–72, 152, 162, 297, 299, 305–7, 309, 311, 337, 361, 363–4, 366–7
 defunct economists, 3, 8–14
 delayed gratification, concepts, 133–5
 DePodesta, Paul, 165, 167
 depreciation alterations, C-scores, 262
 depressions, 65–72, 109, 159, 182, 194, 292, 296–7, 309–13, 325–9, 335–6, 345, 361, 363–5, 368, 375–6. *See also* recessions
 derivatives, 160. *See also* futures, swaps
 Derman, Emanuel, 163
 despised companies, 90, 93, 96
 deteriorating fundamentals, short selling candidates, 247, 265, 267, 286
 devalued currencies, 311
 ‘deworsification’, 277
 dilution problems, emerging markets, 289
 discount rates
 concepts, 47–55
 DCF critique, 47–49
 discounted cash flow
 alternatives, 52–55
 concepts, 47–53, 157, 325, 331
 critique, 47–53
 definition, 49
 discount rate problems, 47–9, 51–2
 forecasting problems, 49–50
 reverse-engineered DCF, 53–4
 terminal values, 47, 52–3
 displacement phase of a bubble, 157, 159–60
 diversification
 concepts, 25, 39–45, 277–8
 critique, 25, 39–45
 equity portfolios, 42–3
 ‘narrow’ diversification dangers, 41–2
 ‘optimal’ number of stocks, 44–5
 overdiversification problems, 44
 practical guide, 44–5
 dividend and capital irrelevance theorems, critique, 3–4, 21
 dividend discount model, 78
 dividend swaps, 105, 152, 309–13. *See also* insurance, swaps
 concepts, 309–13, 362, 368
 definition, 309
 inflation hedge uses, 313
 valuation methods, 309–13
 dividend yields, 64, 67–8, 133, 150, 207, 223, 231, 321, 332, 343, 348
 dogs, 7, 43, 75, 77–84, 95
 don’t-forecast investment creed tenet V, 143, 152–5
 dopamine, 133–4
 downside beta, 60–61
 Doyle, Arthur Conan, 198
 Du Pont analysis, 252
 DY. *See* dividend yields

 EAFE, 210–11
 earnings power. *See also* normalized earnings
 concepts, 55, 105, 108–9, 161, 291, 293, 315–23
 critique, 315–23
 definition, 55, 315
 empirical evidence, 319–20
 earnings quality, C-scores, 259, 263
 earnings risk. *See* business/earnings risk
 earnings yield, 207, 321, 332, 343, 348
 earnings/price ratios. *See* PE ratios
 EBIT
 Altman’s Z score, 110–11
 earnings power calculations, 55
 economists, forecasting abilities, 153–5
 Edwards, Albert, 291, 327, 363
 efficient market hypothesis
 concepts, 5, 21, 59, 77
 historical background, 5
 EFTs, 367
 Einhorn, Dave, 35, 267
 emerging markets (EMs), 81, 217–22, 224, 281–9
 concepts, 281–9
 critique, 281–9
 decoupling considerations, 281, 286–8
 dilution problems, 289
 GDP/returns relationship, 281, 287–8
 overpayments for growth, 281–9
 PE ratios, 281–9
 returns, 281–9
 valuation methods, 281–9
 EMH. *See* efficient market hypothesis
 emotions, 115, 117–18, 121, 123, 125, 187, 189–90, 273. *See also* fear
 bear markets, 121–7
 maximum pessimism times, 113–19, 194, 212
 empathy gaps, concepts, 113–19
 empirical evidence, 31, 57, 183, 217, 319–20.
 See also evidence-based investing
 endogenous risk, concepts, 9, 29, 34–5, 39, 41, 157
 endorphins, 187
 Enron, 160, 187, 190, 219
 EPS values. *See also* business/earnings risk
 concepts, 109, 181, 287, 371–2, 375–7
 equities, 25, 27, 39, 65, 68, 70–71, 309, 325–6, 328, 330, 337, 355, 357–8, 362, 366

- equity portfolios, 42–3
equity risk premium (ERP), concepts, 47, 51
euphoria phase of a bubble, 155, 157, 187, 206, 212
the Euro, 362, 370
Europe, 49–51, 54, 77–80, 108–11, 153–4, 171, 207–9, 219–21, 232–3, 239, 244, 250, 253, 255–7, 259, 262–3, 309, 312, 316, 323, 325, 331, 333, 347–9, 354. *See also individual countries*
Eveillard, Jean-Marie, 161, 163, 209, 219, 291
event studies, 6
evidence-based investing, 193. *See also* empirical evidence
evolution, 181, 186–7
exogenous risk, concepts, 42
expected returns, 12, 21
expensive stocks, short selling candidates, 51, 75, 80, 107, 148, 217, 221, 250, 253, 317, 319–20, 334, 343, 345, 355, 357
experts, 31–3, 137, 193, 202, 272, 307, 328, 361
EY. *See* earnings yield
- fair value, 68, 107, 145, 176–7, 299, 304, 345, 371
fallen angels, 77–8
Fama, Gene, 3, 5, 7–8, 10, 21, 22, 26, 37–8, 52, 100–101. *See also* efficient market hypothesis
Fannie Mae, 295
fat pitches, 143, 151–2, 173, 177–8
fat tails, 29, 35
fear. *See also* emotions
bear markets, 123–4
brain processes, 125–7
outcomes of previous decisions, 125, 149, 165–72
fed fund levels, recessions, 62
Federal Reserve, 295, 306, 364
financial analysis, short selling candidates, 237
financial distress phase of a bubble, 157
financial risk. *See* balance sheet/financial risk
financials, critique, 161, 226, 291–7
Fisher, Irving, 361, 363–4, 366
fixed-income securities. *See* bonds
focus issues, M&As, 269–70
footnotes, concepts, 261
forced sellers, 313, 334
forecasts
critique, 4, 11–12, 15, 19, 26, 29, 35–6, 47–53, 55, 62, 64, 77–80, 82, 93, 98–103, 152–5, 161, 184–6, 190, 250, 254, 261, 296, 302, 312, 319, 329
DCF critique, 47–53
don't-forecast investment creed tenet V, 143, 152–5
error statistics, 185–6, 193
GDP forecasts, 63–4
precommitments, 113–14, 116–18, 163
repetition, 102
speculation, 299–307
target prices, 78, 154–5
Fortune, 90, 93, 96, 98
framing, narrow framing, 41, 230, 234–5
France, 24, 220, 226, 249, 283, 337, 350
fraud, bubbles, 157, 159–60
FT All Share index, 338
FTSE100, 311
Fullerton, Jim, 338
fun and excitement, 138
fund managers. *See also* active managers
bullish bias, 181–94
poor performance periods, 210–11
treat-your-clients-as-you-would-treat-yourself investment creed X, 143, 162–3
fundamentally weighted indices, performance benefits, 23
futures, 42
- GAAP, 257
Galbraith, J.K., 17, 156–7
gambling, processes and outcomes, 165–72
Garner, Ruth, 29, 33
GDP, 11, 62–3, 70, 267, 281, 287–8, 305, 364
General Motors, 151
Germany, 24, 132, 185, 220, 224, 243, 249, 350
Gigerenzer, Gerd, 202
glamour stocks, 89–91, 136, 315, 317, 336
global value investments
concepts, 217–27
net-nets, 229–35
GMO, 4, 14, 22, 284–5
goalkeepers, 175–6
God, 5
gold, 285, 305, 309, 311, 327, 361–2, 364–5, 367, 370
good intentions, 130, 138
Gould, Stephen Jay, 187
government bonds, 299–302, 306, 366. *See also* bonds
fair value, 68, 304, 345, 371
inflation/deflation debate, 305–7, 361–3, 367
returns' components, 311, 313–16
Graham, Ben, 24, 28, 45, 48, 51, 54–5, 65, 68, 105–10, 145, 147–8, 154, 157, 161, 207, 209, 219, 222, 229–35, 315–16, 318–23, 325, 328–36, 338–43, 345–50, 355, 357, 371, 373–5, 377
Grant, Jim, 300, 308
Grantham, Jeremy, 17, 22, 72, 157, 284–325, 340

- Great Depression, 65–6, 70–72, 109, 292, 296–7, 309, 311–13, 325–9, 335–6, 345, 361, 363–6, 368, 375–6
- Greece, 370
- greed, 121, 155–6, 274
- Green, Lee, 200–201
- Greenblatt, Joel, 132
- Greenspan, Alan, 39, 41, 160, 363
- Greenwald, Bruce, 51, 55, 275
- groupthink, 272–3
- growth
 - EMH critique, 5, 21, 59, 77
 - mining sector, 75, 81–4, 151
 - overpayments, 281–9
- Gurufocus, 209
- Hales, Jeffrey, 190–91
- Haugen, Robert, 7
- heart bypass operations, 168–9
- heart disease, 168–9, 195, 200
- hedge funds, 27, 118, 145, 186, 367
- herding. *See also* social pain
 - concepts, 129, 135–6, 165
- hidden assets, 162
- Hippocratic oath, 163
- hiring/firing decisions, investment managers, 134–5
- Hirschleifer, David, 6
- history-matters investment creed tenet VII, 143, 156–8
- HIV/AIDS, 129, 131
- holding periods for stocks, 149, 223, 225
- Holmes, Sherlock, 193, 198
- Homer, Sidney, 306–7
- Homo Ovinus, 3, 8–9, 11
- homogeneous value investors, 291–7
- Hong Kong, 224, 351–2
- housing markets, 35, 39, 41, 151, 296
- HSBC, 250, 298
- human working memory, 198
- Hussman P/E, 83
- ICAPM. *See* intertemporal capital asset pricing model
- illusions of safety, pseudoscience, 29–38
- IMF, 347
- implied growth rates, reverse-engineered DDM, 78
- implied inflation, 303
- inaction considerations, action bias, 173–8
- incentives, 185–6, 190–91, 274
- index-linked securities, 302, 337
- India, 351–2
- inflation, 14, 65–6, 70–71, 101, 162, 299, 301–7, 309, 311, 313, 337, 361–3
- inflation swaps, 303, 369. *See also* insurance, swaps
- information overload, 195, 199. *See also* knowledge
 - experts, 31–2, 137, 193, 202–3, 328
 - investment decisions, 193, 202–3
 - seven-bits-of-information-plus-or-minus-2 rule, 198
- insects, 34
- inside information, EMH critique, 3–4, 11–12
- institutional biases, 9
- insurance, 309, 311, 313, 327, 336–7, 361–70. *See also* CDSs, gold, swaps, TIPS
- intangible assets, 54–5
- interest rates, 19, 25, 64, 102, 152, 267, 299, 305–6, 364–6
- Internet bubble, 243
- intertemporal capital asset pricing model, 24
- intrinsic value, 48, 92, 113, 145–6, 155, 207, 217, 301–4. *See also* value
- investment aims, 3–4, 8–9, 39, 44, 145, 162–3, 202–3
- investment banks, sell recommendations, 249–50
- investment beliefs, 37, 145
- investment creed, ten tenets, 143–63
- investment decisions
 - action bias, 173–8
 - decision tree, 202–3
 - information overload, 195, 199
 - processes and outcomes, 165–72
- investment managers
 - boredom, 173, 177
 - hiring/firing decisions, 134–5
 - treat-your-clients-as-you-would-treat-yourself investment creed X, 143, 162–3
- IPOs, 137
- Italy, 24, 220, 350, 370
- Jacobs, Bruce, 41
- Japan, 24, 39, 67–72, 109–11, 132, 185, 207, 209, 219, 221, 224, 226, 229, 232–4, 243, 285, 299, 301, 306–7, 309, 312, 325, 333–4, 339, 348–9, 352–4, 366
- bubbles, 285
- net-nets, 229–35, 333, 343, 349, 353–4
- US, 307
- value, 68–70
- Jensen's alpha, 22–3
- Kahn, Judd, 275
- keep it simple stupid, 195–203. *See also* information overload
- Keynes, John Maynard, 3, 8, 11, 15, 28, 39, 44, 71, 134, 136, 138, 145, 147, 149–51, 155, 299, 307, 355, 357
- Kipling, Rudyard, 187

- Kirby, Bob, 8, 28, 173, 340
 KISS. *See* keep it simple stupid
 Klarman, Seth, 43, 45, 156, 162, 173, 178, 209, 331, 359
 knowledge, 14, 31, 129, 131. *See also*
 information overload
 behaviour conflicts, 131, 137
 the curse of knowledge, 31
 Kodak, 277
 KPMG M&A survey, 269–70, 276
- Lamont, Owen, 259, 261
 Lay, Ken, 189–90
 leverage uses, 110, 151, 157, 161, 251, 295, 373
 Lewellen, Jonathan, 15–16
 Lewis, Michael, 167
The Life of Brian (film), 181
 lightning strikes, 136
 Lincoln, Abraham, 123
 liquidation values
 concepts, 54–5
 lock-ins, precommitments, 118–19
 Loeb, Gerald, 45
 Loewenstein, George, 115
 long positions, 191
 long time horizons, short-termism problems,
 129, 133, 354
 long-term earnings growth rate forecasts, returns,
 98–9
 loss aversion, concepts, 131–3, 165, 170,
 230
 love of numbers, 29–38
 LSE, 134
 LTCM, 39, 41
 Lynch, Peter, 277
- M&As. *See* mergers and acquisitions
 M&M. *See* Modigliani and Miller propositions
 McKinsey, 254
 McNealy, Scott, 239, 241
 magical thinking, 137
 managers. *See* active managers, bad managers,
 fund managers, investment managers,
 portfolio management
 margin of safety, 105, 143, 145, 156, 162, 178,
 207, 231, 291, 296–7, 315, 317–18, 349
 average earnings, 317–18
 definition, 207, 291
 financials, 296–7
 market cap-weighted indices, critique, 8–9
 market risk, 41
 Markowitz, Harry, 19, 21, 25–6
 Markowitz Optimization model (MO), 19, 21,
 25–6. *See also* capital asset pricing model
 Marks, Howard, 143, 155, 366
 maths ability, TV, 33
- mature/declining industries, consolidation blues,
 278
 Mauboussin, Michael, 167
 maximum pessimism times, buy orders, 113–19
 mean reversion, profits, 101
 mean-variance efficient portfolios, 21
 medicine, 35, 193, 195, 203
 memory processes
 information overload, 199
 stories, 129, 136–7
 ‘mental energy’ drinks, 91
 mental errors, 85–92
 mergers and acquisitions, 269–70, 274, 276, 278
 Merrill Lynch, 294
 Merton Model. *See also* balance sheet/financial
 risk
 concepts, 110
 Microsoft, 343, 349–50
 migration across style boundaries, 38
 Miller, Bill, 231
 Miller, George, 158
 Mills, J.S., 14
 Minahan, John, 37
 mining sector, overpayments for growth, 75,
 81–4, 151, 213
 Minsky/Kindleberger model, 14, 157
 misjudged adjacencies, 265, 277–8
 Mittal, Lakshmi, 206, 212
 modern portfolio theory, 17
 Modigliani and Miller propositions, 10
 momentum, 9, 16, 75, 78, 85, 90, 148, 301
 monetary policies, 299, 305–6, 364, 366
 money management, 28, 173
Monty Python (TV series), 5, 181
 motivated reasoning
 concepts, 181, 187–91
 definition, 181, 187
 scepticism, 181, 191–3
 moving average earnings, 107, 147, 207, 332,
 343. *See also* earnings power
 MPT. *See* modern portfolio theory
 MRC, 35
 MSCI, 24, 99, 131, 137, 210, 250, 339, 341
 muggers, 98
 Mui, Chunka, 265, 275–8
 Munger, Charlie, 274
 mutual funds, 17, 19, 25–6, 39, 42–4, 149, 223,
 281, 286
- ‘narrow’ diversification dangers, 41–2
 narrow framing, 41, 230, 234–5
 NASDAQ, 14, 21, 243
 National City Corp, 296
 nature sources of bullish bias, 186–7
 net current assets, 207, 229, 231–3, 333, 349
 net present values, 10

- net-nets
 concepts, 55, 207, 229–35, 333, 349, 353
 current net-nets, 232–4
 ‘permanent loss of capital’ risk definition, 234–5
- neuroscience, 29, 31–3
- Newton, Isaac, 329
- Nikkei, 67, 311–12
- Nokia, 322, 348
- non-diversifiable risk. *See* market risk
- normal profits, 93, 100, 161, 275, 291, 295
- normalized earnings. *See also* earnings power
 concepts, 48, 371, 373–6
- Northern Rock, 296
- Novartis, 343, 349
- numbers, love of numbers, 29–38
- nurture sources of bullish bias, 187–91
- NYSE, 13, 21, 133, 150, 190, 239, 243, 331–2
- Odysseus, 240, 244–5
- old dogs with new tricks, 78
- omission bias, 178
- operating efficiency, 110, 251–2
- Oppenheimer, Henry, 232
- optimism, 116, 155, 183–4, 187, 191, 194, 212, 287. *See also* bullish bias
- outcomes
 accountabilities, 170
 bias concepts, 168–70
 previous decisions, 124–5
 processes, 165–72
- outperformance issues, 3, 9, 16, 24, 57, 59, 77, 135, 149, 211, 217, 219, 221, 223, 229, 231, 315
- overconfidence problems, 102, 129, 137–8, 157, 265, 269–70. *See also* bullish bias
- overdiversification problems, 44
- overpayments for growth, 75, 81–4, 151, 213, 281–9
- P/CF ratios, 90, 97
- paging companies, 278
- painkillers, 85, 87–8
- Pascal, Blaise, 179
- past returns, 6
- patience investment creed tenet III, 143, 148–52, 164, 222–3
- payoffs, action bias, 176–7
- PCF. *See* price/cash-flow ratios
- PE ratios, 55, 105, 107, 137, 281, 315–16, 319–21, 325, 328–53, 357–8, 372–4
 critique, 372–4
 deep value opportunities, 205–13, 232, 248, 309–11, 313, 321, 325, 327–8, 343, 349, 361–2
 earnings power, 315–23
 emerging markets, 281–9
 maximum pessimism trades, 113–19
 valuation risk, 9, 107–8
- pension plans, 134
- performance measurement
 action bias, 178
 C-scores, 259, 263
 critique, 8–9, 27–9, 36–8
 deep value, 205–13
 empirical evidence, 57, 183, 215–37, 319–20, 364
 outperformance issues, 3, 9, 16, 24, 57, 59, 77, 135, 149, 211, 217, 219, 221, 223, 229, 231, 315
 price/sales ratios, 219, 239–40
 pseudoscience, 36–8
 story stocks, 239, 241–3, 250
 underperformance issues, 17, 44, 63, 134–5, 205, 210, 244, 249–50, 319
- ‘permanent loss of capital’ risk definition.
See also ‘trinity’ aspects of risk
 concepts, 105, 107, 111, 145, 234
 net-nets, 234–5
 vulnerable companies, 111–12
- Persimmon, 78, 207–8, 335, 338, 350–51
- persistence of institutional net trades, 147
- pessimism, 113–19, 194, 206, 212
- Petkova and Zhang findings, 64
- Pfizer, 348
- philosophy, Tao of investing, 143–63
- Piotroski F scores
 concepts, 252–3
 short selling candidates, 252–3
- placebo treatments, 87
- Planck, Max, 3, 5
- planning fallacy, 254
- Plant, Robert, 152
- poker, 9, 42
- Ponzi schemes, 159
- poor capital discipline, short selling candidates, 247, 265, 267
- poor stories, 136–7
- portable alpha. *See also* alpha
 critique, 19, 26–7
- Porter, Michael, 275
- portfolio management. *See also* tracking errors
 buy guidelines, 355–9
 CAPM, 19–28
 Coffee Can Portfolio, 337–341
 consensus estimates, 36–7
 diversification, 39–45
 global value investments, 146, 149, 217–27
 mean-variance efficient portfolios, 21
- Portugal, 370
- Posen, Adam, 71

- precommitments, maximum pessimism times, 113–19, 194, 212
- present bias, concepts, 129
- price/cash-flow ratios, 97, 219
- price/quality heuristic, 85–92
- price/sales ratios, 219
- probabilistic markets, 131
- processes
- accountabilities, 170–72
 - outcomes, 165–72
- procrastination problems, 113, 116–17
- Procter & Gamble, 95
- profit warnings, precommitments, 113–19
- profits. *See also* returns
- abnormal profits, 93, 100
 - banks, 364–5
 - mean reversion, 101
 - normal profits, 275
 - Piotroski F scores, 252–3
- proofreaders, empathy gaps, 113, 116
- pseudoscience, 29–36, 145
- psychology
- bear markets, 121–7
 - processes, 165–72
- psychopaths, 249, 265, 272
- Pzena, Richard, 161, 209, 291, 293–4
- quality issues, price/quality heuristic, 85–91
- quantitative easing, 299, 307
- rags to riches stories, 241
- railway booms, 159
- rationality
- bear markets, 121–7
 - maximum pessimism times, 113–19, 194, 212
 - precommitments, 113–19
 - self-control studies, 125
- rebias methods, 191, 203
- recessions, 50, 57, 62–4, 153, 213, 267, 287, 291, 295. *See also* business cycle risk, depressions
- reflation, 307, 363
- reflective practices, 354
- relative performance issues
- critique, 11, 17, 28, 39–45, 145, 158, 207, 224
 - poor performance, 39–45
- religion, 7, 39
- rentiers, 299, 308
- repetition, brain processes, 102
- representativeness concepts, 79, 100, 271
- reputations, 136
- retained earnings, 10–11, 110–11
- returns, 3–4, 8, 11–13, 17, 29, 31–2, 39–41, 43, 47–9, 79, 81–9, 93–6, 97–107, 147, 149, 151–9, 188–98, 209–17, 221–31, 233–41, 245–53, 255–68, 269, 272–4, 291–301, 305–9, 313–20, 327–8, 331–5, 346–54, 357–71. *See also* profits
- best ideas, 17, 39, 151, 267
 - C-scores, 259, 262–3
 - deep value, 108, 309, 311, 325
 - emerging markets, 286
 - past returns, 6
- returns-based style analysts, 29
- reverse-engineered DCF, concepts, 47, 53–4
- reverse-engineered DDM model, 78, 83
- reviewed positions, 151
- revulsion phase of a bubble, 158, 312, 325–37
- reward system, brain processes, 133–4, 156, 190
- risk. *See also* beta
- aversion, 25
 - business cycle risk, 62–4
 - concepts, 57–64, 105–11
 - definitions, 9, 25, 61, 109, 111, 115, 149–51, 221–2, 223–4, 240–1
 - ‘permanent loss of capital’ risk definition, 105, 145, 234
 - premia, 6,
 - returns, 10, 19–29, 39–40, 55–9, 61–8, 72–6, 109–16, 147, 149
 - ‘trinity’ aspects, 105–11
- risk factor loss (RFL), 35
- risk management, 3–4, 8–17, 35, 105–11.
- See also* ‘trinity’ aspects of risk, value at risk (VaR)
 - pseudoscience, 29–38
- risk-free rates, 25, 51
- RMBSSs, 41
- ROA, 90, 101, 251–2
- road to revulsion, value creation, 325–52
- robustness checks, valuation methods, 355, 371, 373–4
- ROEs, financials, 371–2, 375
- roll-ups, 265, 277
- Rolodex, 363
- Romer, Christine, 361, 363–5
- Romick, Steven, 161, 291, 295
- Rosenzweig, Phil, 95–6
- Ross, Stephen, 5, 366
- roulette, 9, 39, 42, 267
- Royal Dutch Shell, 208, 322, 350–51
- Russell 100 index, 26
- Russia, 224
- S&P 500 index, 26–7, 36, 78, 95–6, 107, 210, 293, 312, 315–16, 321, 325, 328–31, 334, 345, 371, 374–5

- sales, 55, 77, 85, 89–90, 97, 101–3, 110–11, 152, 219, 241–4, 247, 250, 254–5, 262–3
 Altman's Z score, 110
 C-scores, 259, 262–3
 Samuelson, Paul, 138, 173, 179
 scepticism, 33, 158, 191–3, 288–9. *See also*
 critical thinking, motivated reasoning
 be-sceptical investment creed tenet VIII, 143, 158, 164
 Schrempp, Jurgen, 270
 screens, earnings power, 315–17, 319–23
 SEC, 259
 seductive details, concepts, 29, 33–4
 self-control studies, rationality, 125
 self-esteem, 125
 self-serving bias, 181, 187–91, 274, 278
 sell-side estimates, 36, 185–6
 sensitivity analysis, 52–5
 'seven habits of highly defective managers', 265, 268
 seven-bits-of-information-plus-or-minus-2 rule, 198–9
 sexual stimuli experiment, empathy gaps, 115–16
 shareholder value, critique, 3–4, 10–11
 shark attacks, 136
 Sharpe, Litner and Treynor, 21. *See also* capital asset pricing model
 sheep index, 148. *See also* herding
 short positions, 191
 short sellers, fundamentally driven investors, 247–58
 short selling, 156, 162, 245–74
 accounting manipulations, 259–64, 275–8, 286
 bad businesses, 265–78
 bad companies, 265, 274–5
 bad company strategies, 265, 275–8
 bad managers, 265, 268
 bad strategies, 275–8
 C-scores, 259, 263
 capital discipline, 247, 254–5, 265, 267
 financial analysis, 250–54
 Piotroski F scores, 252–3
 price/sales ratios, 219
 'unholy' trinity of characteristics, 247
 valuation methods, 250
 short-term earnings, 10
 simplicity benefits, 201–2
 Singapore, 351–2
 SK Telecom, 343, 349
 Slovic, Paul, 197
 small cap net-nets, Japan, 229, 233, 343
 snake attacks, 121
 social pain, 129, 135–6. *See also* contrarian strategies; herding
 Solomon, King, 121–2
 Sony, 340, 343, 349, 353
 South Africa, 226
 South Korea, 218, 224, 226, 351–2
 South Sea Bubble, 14, 285
 Spain, 350, 370
 spandrels, 187
 speculation, 299–307
 sport, 165–72
 Springsteen, Bruce, 158
 Standard Chartered, 296
 standard deviations
 bubbles definition, 4, 14, 284–5
 concepts, 4, 14, 107, 217, 219–21, 284–5
 Starmine, 153
 stars, 75, 77–8, 93, 175, 210
 stop loss uses, 257
 stories, 129, 136–7, 239–41, 244, 271
 strategy failures
 M&As, 269–70, 276
 short selling candidates, 267–8
 stress tests, 70
 Stroop test, 126
 style drift, 29
 successful investors, 17
 Summers, Larry, 14
 Sun Microsystems, 239, 241
 sunk costs, concepts, 271
 swaps, 105, 152, 160, 303, 309, 311–13, 368–9.
See also dividend swaps, inflation swaps, insurance
 Sylla, Richard, 302, 306
 synergies, 265, 271, 276–7
 systematic risk. *See* market risk
 TAA enzyme, 188
 Taiwan, 218, 226, 351–2
 target prices, forecasts, 154–5
 Tasker, Peter, 307
 tax, 3, 8, 25, 28, 55, 71, 110, 145, 153, 210, 241, 299, 306, 366
 Taylor Wimpey, 207
 tears before bedtime, growth, 93–103
 Templeton, Sir John, 113, 116, 136, 143, 145, 147, 156, 166, 202, 212, 217, 219, 281, 287
 ten tenets of the author's investment creed, 143–63
 terminal values, DCF, 47–53
 Thailand, 151, 226, 352
 Thain, John, 293
 Thaler, Richard, 202
 Tichborne, Sir Roger, 283
 Tiger, Lionel, 187
 time series reliance, VaR failings, 35
 timing issues
 'and this, too, shall pass away', 123
 buy guidelines, 355–9
 Coffee Can Portfolio, 173, 326, 337–42

- holding periods for stocks, 11, 149, 223, 226, 232, 239, 242–3, 331–2
- optimism, 183–4
- stock market moves, 57, 65, 67–8, 85, 96, 109, 157, 162, 269, 307, 343, 357
- TIPS, 152, 302–3, 311, 327, 361, 367
- TMT bubble, 160, 205, 212
- top-down and bottom-up investment creed IX, 143, 158–62, 164, 218, 225, 348, 371, 373–4
- total assets
- Altman's Z score, 110–11
 - C-scores, 262–3
- total debt, 207, 305, 333, 343, 348
- total real returns, 28, 67, 145, 149–50
- tracking errors, 8, 19, 25–9, 36–7, 39, 43, 134, 158, 193, 217. *See also* portfolio management
- critique, 8, 19, 25–9, 36–7, 39, 43, 134, 158, 193, 217
- definition, 2
- trailing earnings, 9, 29, 35, 39, 41–2, 207, 281, 283–4, 315, 319, 332
- transaction costs, 25–6, 352
- transparent companies, 275, 284–5
- treat-your-clients-as-you-would-treat-yourself investment creed X, 147, 166–8
- 'trinity' aspects of risk. *See also* balance sheet/financial risk, business/earnings risk, valuation risk
- concepts, 9–10, 105–11
 - vulnerable companies, 111–12
- Turkey, 224
- TV, maths ability, 33
- UBS, 35, 250
- UK, 39, 41, 105, 108–11, 117, 132, 168, 185, 207, 220, 233, 249, 285, 309, 312, 325, 331–3, 337
- C-scores, 259, 263
 - CDSs, 362
 - deep value opportunities, 108, 309, 311, 325
 - housing market, 39
 - PE ratios, 105, 108, 319
- uncertainty, 52, 131, 165, 167–8, 170
- unconstrained behaviour, be-unconstrained investment creed tenet IV, 143, 146, 152, 164, 217–19, 225
- underperformance issues, 17, 44, 63, 134–5, 205–13, 244, 249, 319
- C-scores, 259, 262–3
 - dark days for deep value, 205–13
- 'unholy' trinity of characteristics, short selling, 110–11, 247
- upside beta, 61
- US, 12, 15–17, 22–3, 26, 36, 39, 43–4, 51–2, 59–61, 63, 67, 71, 77, 80, 101, 105, 107, 136, 147, 150–51, 153–4, 159, 162, 209–12, 219, 229, 233, 241–2, 244, 249–50, 252, 255, 285–6, 291–3, 296–7, 299, 301, 305–7, 311–13, 321–3, 328, 331, 334–5, 337–42, 347–9, 355, 357, 361, 364, 367, 369, 371, 374, 376
- 'best ideas' managers, 17, 43–4
 - bonds, 299, 301, 305–7, 331
 - C-scores, 259, 263
 - debt/GDP ratio, 305–7
 - deep value opportunities, 108, 309, 311, 325
 - deflation, 299, 305–7
 - dividend swaps, 105, 309, 368
 - EPS values, 109, 181, 371–2, 375–7
 - forecast errors, 12, 153–5, 183
 - housing market, 35, 39, 41, 151
 - Japan, 307
 - PE ratios, 105, 108, 319
- U.S. Steel, 151
- valuation methods. *See also* discounted cash flow
- bonds, 299–307
 - dividend swaps, 311–13
 - earnings power method, 55, 315–23
 - PE ratios, 55, 105, 107, 137, 281, 315–16, 319–21, 325, 328–53, 357–8, 372–4
 - price/sales ratios, 219
 - reverse-engineered DCF, 47, 53–4
 - revulsion phase of a bubble, 158, 312, 325–37
 - robustness checks, 355, 371, 373–74
- valuation risk
- concepts, 9–10, 109–16, 149–51, 152–3
 - definition, 109, 111–12
 - PE ratios, 111–12, 115–16, 291, 300–301
- value
- assessment tests, 211–17, 344–8, 355–66, 367–71, 383–9
 - bear market debates, 383–9
 - behavioural stumbling blocks, 129–31
 - beta, 57–64
 - bonds, 147, 304
 - business cycle risk, 62–4
 - buy guidelines, 355–9
 - concepts, 9, 61–8, 81–8, 97, 109–11, 133–43, 147–51, 168, 176, 207, 209–17, 221–31, 233–41, 261–2, 273–4, 275–88, 291–301, 311–20, 321–5, 329–35, 340–54, 383–9
 - dark days for deep value, 205–13
 - decision tree, 202–3
 - deep value opportunities, 205–13, 232, 248, 309–11, 313, 321, 325, 327–8, 343, 349, 361–2
 - definition, 97, 111, 149–51, 215, 221–2, 223
 - dividend swaps, 105, 152, 309–13

value (*cont.*)

- EMH critique, 5, 21, 59, 77
- empirical evidence, 57, 183, 215–37, 319–20, 364
- fun and excitement, 138
- good intentions, 130, 138
- Great Depression, 65–6, 70–72, 109, 292, 296–7, 309, 311–13, 325–9, 335–6, 345, 361, 363–6, 368, 375–6
- homogeneous investors, 291–7
- insurance, 152, 309, 311, 313, 336–7, 361–70
- intrinsic value, 48, 92, 113, 145–6, 155, 207, 217, 301–4
- investment creed tenet I, 143, 145–7, 164
- Japan, 24, 39, 67–72, 109–11, 132, 185, 207, 209, 219, 221, 224, 226, 229, 232–4, 243, 285, 299, 301, 306–7, 309, 312, 325, 333–4, 339, 348–9, 352–4, 366
- net-nets, 207, 229–35, 333, 343, 349, 353–4
- overpayments for growth, 75, 81–4, 151, 213, 281–9
- reviewed positions, 151
- the road to revulsion, 158, 312, 325–37
- schism, 161, 291
- underperformance issues, 17, 44, 63, 134–5, 205, 210, 244, 249–50, 319
- vogue, 209–10
- Value at Risk (VaR)
 - critique, 9–10, 29, 34–5, 41
 - reasons for VaR failure, 34–5
- value investors
 - bears, 371–6
 - six key traits, 129–30
- value risk, definition, 145
- value traps, concepts, 109, 149, 223, 251, 265–8, 318–23
- variance
 - mean-variance efficient portfolios, 21
 - risk measures, 24
- visionary companies, comparator companies, 93, 95–6
- vogue, value, 209–10
- volatility, 9–10, 24, 27, 42, 151, 192, 217–20, 224, 297, 325, 327
- Wagner, E.J., 283
- Wason selection task, 191
- Waste Management Incorporated, 277
- Whitman, Marty, 158, 209
- Williams, John Burr, 49
- Williams, Ted, 151–2, 160
- Wilmott, Paul, 163
- wines, 88–9
- ‘Winnie the Pooh’, 159, 309, 311
- witch doctors, 137
- Witter, Dean, 338
- working capital, 110–11, 161, 229, 231, 349.
 - See also* net-nets
 - Altman’s Z score, 110–11
- Wright model, 57, 62–4
- X-system, brain processes, 121, 123, 125–7, 134, 181, 183–4, 189, 191, 240–41
- yield curves, recessions, 57, 62, 64
- zero sum game, 15, 365