

Index

- Action theory, 112
- Agricultural production, 117
- Alpha Engine, 75
- Altos system, 172
- Amazon, 4–7, 13
 - first strategic business model, 16–17
 - first strategic model
 - (New book retail), 13–16
 - second strategic business model
 - (Marketplace), 17–19
 - strategic business model as eBook publisher/retailer, 20
 - strategic factor of “sales”, 20–22
 - third strategic business model
 - (eBook), 19–20
- American International Group
 - (AIG), 129, 131–132, 155
- American semiconductor memory chip firms, 55
- American Societal Systems
 - (1929–1933), 113
- Arbitrage, 31–33
- Arbitrage strategic business model, 34
- ARPANET, 14
- Asset market, 107
- AT&T Bell Laboratory, 43–45, 181
- Atoms, 44
- Authority, 30, 110–111

- Back-office, 36
- Bagehot principle, 141
- “Bank runs”, 96–97
 - timing, 110
- Bank salaries from loan activity and from trading, 37
- Banking (*see also* Casino banking), 28
 - crisis, 129
 - liquidity, 27
- Bankruptcy, 106
 - contagion, 140

- Bareen, Cooper, Schieffer theory
 - (BCS theory), 45
- Barings Bank (*see also* Commercial banks), 25–26
 - Baring’s Rogue trader, 35–37
 - collapse of, 28–33
 - strategic business model of banks, 26–28
 - strategic model of merchant
 - (commercial) bank, 27
- Barings Securities, 29–31, 36
- Bear Sterns collapses, 126–131
- Bear Sterns Hedge Funds, 134
- Berkshire Hathaway, 83, 84–85
 - strategic business model, 85–86
- Bezos, Jeff (founder of Amazon), 13, 17, 19
- “Big-picture”, 165
- “Brick and mortar” retailer, 14
- Business “downsizing”, 116
- Business environment(s), 9–11, 101
 - bank panics, 120–121
 - economic theory, 103–107
 - of Intel, 54
 - societal models, 109–116
 - US Great Depression, 101–103, 107–109, 116–120
- Business factor of sales for Amazon, 21
- Business failures, 116
- Business model, 3, 83
 - of futures trading in agriculture, 32
- Business organizations, 1
- “Buy-out”, 97

- Capacitors, 48
- Capital (*see also* Strategic capital), 1–2, 25, 40, 65, 123
 - in Amazon, 6–7, 16–18
 - asset, 105, 124, 134

- in Barings Bank, 27
- ideas in concept of, 40
- in Intel, 52
- investment banking, 123, 124
- from source of savers, 126
- strategic bank-loan model, 41
- structures, 91–93
- in Wells Fargo, 7–8
- in Whole Foods, 6–7
- Capitalism, 106
- Captured corporation, 97
- Cash (*see also* Credit)
 - market, 31
 - purchase, 34
- Cash-purchased asset, 34
- Cash-purchases-of-the-asset-itself, 31
- Casino banking (*see also* Banking), 149
 - financial derivatives as, 33–35
- Category killers, 99
- Central processing unit (CPU), 58
- Chaebols, 68, 83, 90–91
- City of London Financial Center, 153–154
- Co-control production scheduling, 81
- Collateralized debt objects (CDOs), 127, 129, 131, 133, 135
- Collector, 45
- Commercial banks, 7, 8, 141
 - role, 126
 - stability, 126
- Commodity, 103–107
- Compac, 61
- Competition, 70
- Competitors, 18
- Conglomerate firm, 7
- Contagion, 137
- Control
 - in organization, 83
 - plane activities, 80–81
- Core ideas, 3–4
- Corporate raiders, 96
- Corporate-conglomerates, 83
- Corruption, 163
- Creative destruction, 56, 91–92
 - in global memory chip industries, 93
 - in memory chip industry, 53–56
 - Schumpeterian theory in industrial dynamics, 56–57
- Credit
 - credit-debt, 105
 - freezing, 140
- Credit default swaps (CDS), 129, 131–132
- Cultural interaction, 111
- Cultural plane, 114, 115
- Debt, 106
 - debt-to-equity ratio, 103
 - deflation, 106
- Dell, 61
- Depressions, 120
- Derivative traders, 34
- “Derivative-arbitrage” trading, 34
- DESCO, 13–14
- Diamond, D. W., 26
- Discount window, 40
 - account, 7–8
- Disequilibrium model (*see also* Neo-Keynsian model)
 - of Drexel’s junk bond market, 96
 - of financial market, 107, 126
- Disequilibrium systems model of
 - corporate leveraged buy-outs, 96
- Drexel Firestone, 95–96
- Due diligence, 156
- Dybvig, P. H., 26
- Dynamic random access memory
 - chip (DRAM chip), 51–52, 54–55, 57
- Eberhard, Martin (eBook inventor), 19
- eBook in Amazon, 19–20
- Economic/economy, 112
 - idealism, 146–148
 - interactions, 111
 - plane, 114, 116, 118
 - progress for functional planes of US society, 114
 - theory, 103–107
- Electro-Dynamics Corp, 94

- Electrons and Holes in Semiconductors*
(Shockley), 46
- Elf affair, 156
- Emitter, 45
- Enterprise environment, 8
- Enterprise system, 9–11
 operations model, 78
- Equilibrium price, 103
- Eurobond market, 151
- Excel, 73–75
- Extrapolation technique, 174, 175
- Fairchild Semiconductor, 47
- Financial agents, 105–106
- Financial capital–asset transaction,
 105–106
- Financial contagion, 139, 140
- Financial derivative(s), 32–33
 as casino banking, 33–35
- Financial firms, 83
- Financial innovation, 131, 153
- Financial market(s), 8, 103–107, 123
 bank panics, 144
 Bear Sterns collapses, 126–131
 mortgage-asset securitization
 product analysis, 131–135
 plunge in Dow Jones Index, 130
 rescuing Wall Street, 135–143
 traditional role of investment
 banking, 123–126
- Financial products, 126
- Financial system, 125
- Financial value, 32
- First Data, 98
- Fiscal policy, 121
- “Flipping” control, 147
- Food resources, 6
- Ford Motor Company, 71, 72
- Forecasting, 174–175
- Four-chip microprocessor, 58, 60
- Four-factor model, 10
- Four-factor strategic model, 1
- “Fragility of banks”, 120
- Front office, 36
- Future liquidity, 105, 134
- Future profit, 65
- Futures trading
 business model in agriculture, 32
- Futures-derivative contract, 32
- Futures-of-an-asset, 31
- “Futures” contract, 32
- Gambling, 33–34
- General Electric (GE), 139–140
- General Theory, 105
- Glass-Steagle Act, 119
- Global Financial Crisis
 (2007–2008), 136
- Global Financial Integrity, 161–162
- Goldsmiths, 25
- “Good money”, 28
- Government, 112
- Government Employees Insurance
 Company (GEICO), 84–85
- Green Cupboards, 19
- Grocery market, 7
- Harrod–Domar algebraic
 model, 147
- Harrod–Domar Macro-economic
 model, 148
- Harrod–Domar model, 146–147
- Holding companies, 83–84
 Berkshire Hathaway, 84–86
 IC chip industry, 91–93
 Korean chaebols, 90–91
 strategic control, 100
 US conglomerates, 93–94
 Wall Street junk bonds, 94–99
 Zaibatsu/Keiretsu in Japan, 87–90
- Honda Accord, 75
- Hot money narrow outflows
 (HMN), 162
- Hyundai Motor, 65–68, 71–77
 acquiring car-assembly technical
 expertise, 73
 automobile production system, 73
 path-following, 72
 path-revealing, 72
 strategic business model, 68–69
- Hyundai Motor Company (HMC),
 69, 72

- IBM, 52, 60
- IC chip industry, 91–93
- Idealism of international capital flows, 161
- Identity, 110
- Illicit financial flows (IFFs), 162
- “Imperfection” in derivatives market, 134
- Industrial dynamics
 - of new industries based on technological innovation, 57
 - Schumpeterian theory of creative destruction in, 56–57
 - of US automobile industry, 70–71
 - US domestic sales of automobiles, 71
- Industrial life cycle, 56, 70
- Industrially-depressed state, 119
- Industry production in US, 110
- Information systems, 81
- Information technology, 50
- Initial public offering (IPO), 16, 124
- Innovation, 45
- Insolvency, 108
- “Instability of credit”, 120
- Institutional change in Wall Street, 148–150
- Integrated circuit chip (IC chip), 43
 - invention, 46–48
- Intel, 43
 - business environment, 54
 - foundation, 50–51
 - microprocessor business model, 60–62
 - microprocessor chips and Moore’s law, 62
 - microprocessor innovation, 57–60
 - percentage production of memory vs. microprocessor chips, 56
 - strategic business model, 51–53, 61
- International Financial Grid, 148, 150–157
- International Financial Networks, 155
- Internet, 13
 - marketplace platform, 18
 - retailer, 18
- Investment banking, traditional role of, 123–126
- Investment research, 149
- Japanese electronic firms, 92
- Junk bonds, 94–97
 - financial innovation, 95
- Juno (e-mail service), 14
- Keynes/Minsky
 - capital-asset financial process, 134
 - description model of financial asset transaction, 106
- Kia Motors, 75–76
- Kindle (Amazon’s eBook), 20
- Knowledge structure, 112
- Kohlberg Kravis, Roberts & Co (KKR), 97–98
- Korean chaebols, 90–91
- Large-scale integration (LSI), 48, 54–55
- Leverage, 106
 - Minsky Price–disequilibrium process due to, 107
 - speculative, 143
- Leveraged buyouts, 95
- “Leveraged-buy-out” funds, 83–84
- Logical domain, 10
- Loss of capital (*see* Insolvency)
- Macroeconomic(s), 146
 - theory, 146–148
- Manufacturing enterprise operations model, 79
- Manufacturing firms, 83
- Margin loans, 108
- Market, 18
- Marketplace in Amazon, 17–19
- Massachusetts Institute of Technology (MIT), 44
- Meiji Restoration, 87
- Memory chip industry, creative destruction in, 53–56
- Memory IC chips, 51–53

- Metal oxide semiconductor transistor (MOS transistor), 47
 - ICs, 50–51
- Microeconomics, 154
- Middle-scale integration (MSI), 48, 54
- Ministry of International Trade and Industry (MITI), 54, 92
- Minsky disequilibrium model of US stock market, 115
- Minsky moment, 107
- Minsky Price–disequilibrium process due to leverage, 107
- “Mis-invoicing”, 162
- Mitsubishi zaibatsu, 89
- Mitsui Group, 88
- Money, 40, 109
 - market funds, 137–138
- Moore’s law, 48–50, 52, 55
 - Intel microprocessor chips and, 62
- Mortgage Securitization Product, 135
- Mortgage-asset securitization product analysis, 131–135

- National Labor Relations Act, 119
- Natural limit, 50
- Neblett, Josh (founder of Green Cupboards), 19
- Neo-classical synthesis, 26, 103, 107
- “Neo-Keynesian” school, 27–28, 104, 107
- Neo-Keynesian model, 103
 - of financial market, 104–105
- New book retail in Amazon, 13–16
- New Work and Research Centre Canada, 171–172

- Official development assistance (ODA), 162
- Offshore banking industry, 155–157
 - law firms and shell corporations operating with, 159
- Offshore banking network, 153
- Okura zaibatsu, 89
- Open-system strategic model, 1

- Operational emphasis models, 9–10
- Operations models, 77–81
- Opposite futures, 34
- Overly-leveraged investments, 121

- Pali-pali*, 66
- Palo Alto Research Center (PARC), 171, 173
- Panama Papers, 157–160
- Participant-superior-in-authority, 111
- “Path-revealing”, 75
- “Perfect markets” theory, 137–138
- Personal computers (PCs), 60
- Physical technology, 49
- Policies control procedures, 10
- Political interaction, 111
- Political plane, 114, 115, 119
- Pony (Korean car), 73
- Ponzi finance, 106
- Porter’s model of goal-directed transformation, 1
- Porter’s two-factor value-added business model, 10
- Porter’s Value-added Open System Model, 2
- Present-income, 105
- Price-disequilibrium, 126
- Price-disequilibrium-pricing market, 121
- Price/earnings ratio (P/E), 94
- Production
 - scheduling controls, 81
 - system, 6
- Profit(s), 1–2, 65, 77
 - in Amazon, 6–7, 16–18
 - in Barings Bank, 27
 - in Hyundai, 65
 - in Intel, 52
 - investment banking, 123, 124
 - in Wells Fargo, 7–8
 - in Whole Foods, 6–7
- Public good, 161
 - of deposit insurance, 28
- Public utilities, 102

- “Quick-quick” strategy, 66

- Reality of international capital flows, 161
- Reciprocity, 110–111
- Research and development projects (R&D projects), 80, 180–181
- Research laboratories as bottom-up strategic resource, 179–181
- Reserve account, 40
- Reserve Primary Fund, 137, 138
- Resistors, 48
- Resources, 1–2, 43
 - in Amazon, 6–7, 16–18
 - in Barings Bank, 27
 - as credit, 7
 - in Intel, 52
 - investment banking, 123, 124
 - in Wells Fargo, 7–8
 - in Whole Foods, 6–7
- Retail
 - firms, 83
 - Internet, 14
- Revlon, 97
- Rikken Seiyūkai political party, 89
- Risk control, 30
- Rocketbook, 19
- Rogue trader, 35–37
 - secret account, 37–40
- Sales (*see also* Financial market(s); Strategic sales), 1–2, 13
 - in Amazon, 6–7, 16–18
 - in Barings Bank, 27
 - expanded business factor, 21
 - in Intel, 52
 - investment banking, 123, 124
 - strategic factor of, 20–22
 - in Wells Fargo, 7–8
 - in Whole Foods, 6–7
- Samsung chaebol, 93
- Savers' deposits, 7
- Savings and loan banks (S&L banks), 96–97
- Scenario models into planning process, 176–177
- Scenario planning, 175–176
- Schumpeterian creative–destruction, 91–93
- Schumpeterian theory of creative destruction, 56–57
- Science, 45
 - and technological interaction, 111–112
- Scientific technology, 46
 - innovation process, 46
- Securitization, 131, 134, 135, 148
 - Global Financial Crisis (2007–2008), 135–136
 - mortgage-asset securitization product analysis, 131–135
 - scheme, 132–133
 - securitized financial market collapse, 132
- “Securitized-mortgage products” collapse, 127
- Semi-log scale, 49
- Settlements clerk, 36
- Shadow banking sector
 - impact, 156
- Shockley Semiconductor, 46
- Silicon Valley, 46
- Societal models, 109–116
- Societal representational space, 112
- Societal system, 112
- Speculation, 107
- Speculative leverage, 143
- Stakeholders, 83
- “Star” workstation, 172, 173
- Static random access memory chip (SRAM chip), 51–52
- Strategic business environment (*see* Business environment(s))
- Strategic business model(s) (*see also* Business model), 1, 77–81
 - Amazon, 4–7
 - automobile production operations within, 77
 - of banks, 26–28
 - Berkshire Hathaway, 85–86
 - business environments, 9–11
 - commercial bank of Wells Fargo (2016), 7–9

- comparison for bank's loans or trades, 41
- as eBook publisher/retailer, 20
- enterprises systems, 9–11
- four-factor strategic model, 1
- of Hyundai Group, 68–69
- Intel, 51–53
- of investment banks, 123–124
- of Japanese Zaibatsu/Keiretsu, 90
- into planning process, 176–177
- for three book businesses of
 - Amazon, 21
- two inputs and two outputs, 2
- types, 3
- Whole Foods, 4–7, 8
- Strategic capital
 - Bank Salaries from Loan Activity and from Trading, 37
 - Baring's Rogue Trader, 35–37
 - Barings bank, 25–33
 - financial derivatives as casino banking, 33–35
 - Rogue Trader's Secret Account, 37–40
- Strategic control, 83–84, 100
 - Berkshire Hathaway, 84–86
 - IC chip industry, 91–93
 - Korean CHAEBOLS, 90–91
 - US conglomerates, 93–94
 - Wall Street junk bonds, 94–99
 - Zaibatsu/Keiretsu in Japan, 87–90
- Strategic environment scenario, 181
- Strategic factors, 13, 83
 - of sales, 20–22
- Strategic financial markets (*see* Financial markets)
- Strategic idealism, 145
- Strategic investment vehicles (SIV), 133
- Strategic model of merchant (commercial) bank, 27
- Strategic planning for enterprise, 10
- Strategic profit
 - Hyundai Motor, 65–68, 71–77
 - industrial dynamics of US automobile industry, 70–71
 - operations models, 77–81
 - strategic business models, 68–69, 77–81
- Strategic resources, 43
 - creative destruction in memory chip industry, 53–56
 - Intel's foundation, 50–51
 - Intel's microprocessor business model, 60–62
 - Intel's microprocessor innovation, 57–60
 - Intel's strategic business model, 51–53
 - Moore's law as technology roadmap, 48–50
 - Schumpeterian theory of creative destruction, 56–57
 - scientific technology innovation process, 46
 - technological innovation as, 45–46
- Strategic sales
 - first strategic business model of Amazon, 16–17
 - first strategic model of Amazon, 13–16
 - second strategic business model of Amazon, 17–19
 - third strategic business model of Amazon, 19–20
- Strategy
 - case of Xerox, 166–169, 177–179
 - fitting scenario models and strategic business models into planning process, 176–177
 - forecasting, 174–175
 - perspectives on strategic logic, 166
 - process, 169–171
 - research laboratories as
 - bottom-up strategic resource, 179–181
 - scenario planning, 175–176
 - theory of, 165
- Structural functionalism, 112
- Structural unemployment, 117
- Sumitomo zaibatsu, 89

- Supply–demand disequilibrium pricing, 118
- Support plane activities, 80
- “Take-over raider”, 97
- Tarpenning, Marc (eBook inventor), 19
- Taxonomic model of functional systems in society, 113
- Technological/technology, 18
 - invention as strategic resources, 45
 - plane, 114, 116, 119
 - progress in IC chips, 57
- Technology roadmap, 49
 - Moore’s law as, 48–50
- Tennessee Valley Authority, 119
- Three-plane operations model, 78
- Time dependence in Keynes’ model, 105
- Time dimension, 105
- Toyota Camry, 75
- Toys “R” Us, 98–99
- Traded corporation, 97
- Trading, bank salaries from loan activity and from, 37
- Traditional economic theory, 141
- Transformation plane activities, 79
- Transistor invention, 43–45
- Trench-reality, 165
- Two-factor model, 1, 10
- Ultra large scale integration (ULSI), 48
- United States (US)
 - conglomerates, 93–94
 - Farm Prices, 117
 - financial system, 141, 143
 - social structural changes between US Society, 118
 - unemployment rate in, 116–117
- US Great Depression, 101–103, 107–109, 116–120
- Utility, 110
- Venn diagram, 10
- Very large scale integration (VLSI), 48, 55
- Volatility in stock markets, 130
- Wall Street, 124
 - institutional change in, 148–150
 - junk bonds, 94–99
 - rescuing, 135–143
- Weberian Model of Functional Relationships in Society, 111
- Webster Research Center Rochester, 171–172
- Wells Fargo Commercial Bank (2016), 7–9
- Whistle-blowers, 8
- Whole Foods, 4–7, 8
- Working capital, 40
- Works Progress Agency (WPA), 119
- Xerography, 167
- Xerox, 166–169, 177–179
- Xerox Corporate Research Organization, 171–174
- Xerox Office Products Division, 172
- Yasuda zaibatsu, 88
- Zaibatsu/Keiretsu in Japan, 87–90