

Index

A

academic publishing 165
 access to government 218
 advantages of digital cash 88
 advertising revenue model 161
 advertising-subscription combination
 model 162
 advertising-subscription combined
 revenue model 162
 affirmative act 114
 Africa One 261
 American depository receipts (ADR) 46
 AOL-Time-Warner 141
 application logic 169
 Ararat Online 224
 audio recordings 155
 Austrian theory 21
 authentication 111
 automatic teller machines (ATMs) 261

B

bank transfers 63
 banking in Africa 254
 barter strategies 157
 batch deliveries 143

Baudrillard, Jean 288
 Bauer 141
 biometrics 121
 borderless economy 3
 bounded rationality 149
 branded manufacturers 142
 broadband 291
 BTX 68
 building regional capacity 218
 bundles 160
 bundling 13
 business circuits 22
 business functionality 169
 business models 99
 business processes 62
 business transactions 22
 buy-side procurement 375
 buyer power 142

C

cannibalization 161
 capital asset pricing model (CAPM) 44
 capital cities 200
 case studies 217
 Casson 149
 certificate of deposit (CD) 87

chilled ready-meals 144
 classified advertising 163
 classified advertising sites 163
 closed loop transaction 86
 Coase transactions 27
 collaborative relationships 149
 communities of interest 218
 community-building activities 223
 community empowerment 217
 community informatics initiatives (CI)
 217
 community-level impacts 13
 community portals 220
 competition authorities 142
 competition commission 142
 competition in the digital age 137
 complimentary assets 148
 computer games 155
 computer kiosks 240
 consignment & freight agents (CFA)
 369
 consumer 275
 consumer behaviors 278
 consumer-driven competition 136, 139
 consumer-driven life-span competition
 148
 consumer-facing firms 137, 138
 consumer protection 107
 consumer responsiveness 142
 contact cards 118
 contactless cards 118
 continuous innovation 137
 contract journalists 145
 convergence 100
 corporate strategies 359
 cost model 63, 66
 cost-of-equity values 39
 credence goods 156
 credit cards 279
 criticism 66
 cross-border banking networks 252
 cross-border expansion 252
 "customer buying logics" 366
 customer relationship management
 (CRM) 359, 360
 customer selection 89

customization 361
 cybercommunity 300
 cybercrime 107
 cybersecurity 107

D

data entry 242
 data warehousing and mining 138
 delivery of banking services in Africa
 259
 demographic information 161
 Dennis and Future Publishing 140
 deposit currency 87
 desktop publishing systems (DTP) 140
 development of e-commerce 273
 dhabas 240
 differential pricing 157
 diffusion rates 72
 digital brands 137
 digital cash 84, 85, 86
 digital cash system 89
 digital certificate 113
 digital contents 286
 digital contents industry 288
 digital data highways 64
 digital divide 5, 39, 43, 238, 287
 digital economy 1, 3, 98, 99, 136,
 201, 252, 288
 digital economy environment 98
 digital engineering campus 344
 digital identity 105
 digital processes 63
 digital product elements 160
 digital products 154, 155
 digital revolution 63, 99
 digital signature 110, 112, 115, 125
 digital signature creation 116
 digital signature verification 116
 digital solution 351
 digital technology 137, 175, 203,
 252, 254, 259
 digital world 359
 digitally mediated symbol 111
 Directorate of Supplies & Disposals
 (DS&D) 370
 disadvantages of digital cash 89

document authentication 109
downside risk (DR) 48

E

e-auction 290
e-bookstore 290
e-business 98
e-business legislation 106
e-cash 85
e-commerce 1, 2, 4, 21, 22, 43, 63, 85, 201, 274, 290
e-commerce activity 277
e-commerce consumption 21
e-commerce development 273, 275
e-commerce in China 273
e-commerce in different environments 274
e-learning Initiative 346
e-mail service 157
e-marketplaces 100
e-money 85
e-privacy 103
e-shopping 290
e-signature infrastructure 123
e-signature pads 120
e-signature utilization 131
e-supplier enablement solution 375
East Asia 313, 319
economic globalization 242, 317
economic impacts 11
economic restructuring projects 297
economic revolution 99
economies of scale 137
"edge" markets 149
"edventure" 346
electronic authentication 104
electronic databases 202
electronic finance 107
electronic information 203
electronic medium 99
electronic pad system 120
electronic players 6
"electronic purse" 265
electronic signature 98, 99, 104, 110, 125
electronic signature technology 111

electronic tools 219
electronic transactions and contracts 107
EMAP 138
embedded social relationships 150
empirical considerations 72
employment ad sites 163
end-consumer 136
eProcurement solution 375
equity 52
equity of service 217
escrow payment services 104
European Union 202
experience good 156

F

file sharing 178
financial capital 40
financial industry digitization 91
financial institution management 90
financial instruments 155
financial management 372
financial market reports 155
financial sector 64
financial services 62, 253
fingerprint 121
fingerprinting 112
food retailing 137
food retailing industry 142
foreign currency 94
foreign direct investment (FDI) 41
foreign indirect investment 41
free seats 351

G

"general-purpose technology" (GPT) 287
generic systems 149
generic technologies 149
"gentleman's agreement" 147
geographic communities 218
geographical constraints 99
global education market 347
global telecommunications industry 39
globalization 101, 317
globally networked cities 201

Google search engine 200
government policies 218
grocery retailing industries 136
Gyandoot Dotcom 240

H

hardware 315
hash function 116
high crime 90
higher education in India 348
human resource development 334
hyperlinks 200

I

IC card type 86
ICT diffusion 236, 239
ICT economies 200
ICT growth 236
identification 111
idiosyncratic assets 149
idiosyncratic risk (IR) 48
IGOs 202
illegal copying of software 175
image-process skills 301
India 347, 361
Indian IT export scenario 243
information and communication technologies (ICTs) 3, 63, 200, 218, 237, 252, 346
information product 137
information providers 164
information reach 149
information security 107
information society 3, 99
information technology (IT) 23, 40, 85, 315
information technology (IT) education 348
information technology online (ITOL) 220
information-based economy 3
innovation 29
innovation in food retailing 146
innovation networks 145, 148
innovation systems 149
input-output system 30

institutions 64
"integrated information channels" 137
intellectual property 155
intellectual property laws 107
intellectual property rights 164
interbanking transactions 259
interface 64
intermediation 28
internalization 149
international digital divide 236
international finance corporation (IFC) 345
international monetary fund (IMF) 255
International Telecommunications Union (ITU) 42
Internet 201, 273, 286, 287
Internet banking 259
Internet economy 286
Internet usage 43, 276
inventory management 371
IPC 138
IT revolution 313, 314

J

Java card 119

K

knowledge-based economy 3
knowledge-enhanced products 155
knowledge-intensive service (KIS) 148, 242
knowledge intensive service firms 257

L

labor policy 14
legal boundaries of the firm 149
legislation 98
legislation models 99
licensing approach 157
"life-span" goods 136
life-span products 136, 143, 145
lifecycle model 293
Lineage: The Bloodpledge 286, 288, 295
local businesses 12

loss of Individuality 9
low technology 137

M

magazine publishing 136, 137
magazine publishing industry 139
management of innovation 137
marginal capitals 213
marginalization 6
marketing channel 157
massively multiplayer online game (MMOG) 301
massively multiple player online game (MMPOG) 289
master promissory note (MPN) 131
message authentication 114, 122
middleware 170
Mirror Newspaper group 140
mobile phones 64
modes of coordination 67
monopolistic trends 15
multi-national companies (MNCs) 242
multiple user domains (MUD) 289
multiple user graphics (MUG) 289

N

nag boxes 158
narrowband 291
national capitals 201
“national innovation system” (NIS) 298
network arrangements 137
network externality 178, 180
network study 149
network type 86
networked economy 3
networking the nation (NTN) 220
networks 201
new crane 148
new economy 313, 314
“new innovation regimes” 148
new institutional economics 62
New York Stock Exchange (NYSE) 46
niche publishers 141
non-governmental organizations (NGOs) 202, 345
non-repudiation 122

normative coordination 30

O

old economy 313
online communities 217
online game business 286, 288
online games 165
online services 217, 220
online shopping 138
online technologies 219
open loop transaction 86
OpenCard 119
opportunism 149
organisational changes 11
organizational responses to technological change 137
own-brand contractors 143
own-brand products 143
ownership advantage 257, 258
own-label 143

P

paid seat 351
payment systems 279
personal data protection 107
personal digital assistants (PDA) 64
Personal Identification Numbers (PINs) 121
“pervasive technologies” 149
phases of a transaction 67
piracy 175, 183
population demographics 276
portfolio investment 41
price-based transactions 28
price discrimination 159
prices 15
pricing issues 154
printing presses 140
privacy 9, 90, 107
production organization 26
productivity growth 40
project-based approach 145
property rights 65
proximity to consumers 148
pseudo-cash 87
public key cryptography 114, 119

public key infrastructure (PKI) 104,
112, 123
public space 287
publishing firms 145

Q

quantification of transaction costs 66
quantitative modeling 39

R

re-intermediation 21, 25
real economy 94
reason for piracy 178
reason for protection 180
reductions of transaction costs 63
Reed International 140
regional and rural Australia 218
regional development 219
regional portals 217
regional Web portals 217
regulating piracy 175
regulation environment 102
replenishment-based logistics 142
research 273
reservation price 158
revenue model transitions 166
revenue models 154

S

Sainsbury's Magazine, The 148
scale-free delivery 137
scanning technology 138
Schumpeter 148
scoring model 70
search engines 201
secure electronic transactions (SET)
102
secure sockets layer (SSL) 102
security 102
sell-side procurement 375
"semiperipheral capitals" 213
sequential move 188
"shareware" 158
signature pads 120
signer authentication 109, 114, 122

SIM card 119
simulacrum 288
simulation 288
simultaneity of the unsimultaneous 302
small and medium enterprises (SMEs)
218
small suppliers 147
smart card/fingerprint reader 122
smart cards 118
SMEs 16
social capital 221
social impacts 5
social isolation 7
social revolution 99
socio-cultural economy 286
"soft" costs 348
software 315
software piracy 175
software protection 181
software technology parks (STP) 247
South Africa 253, 262
South African banking organizations
255
South African banking sector 258
South African banks 252
South African financial institutions 257
South African multiple option settlement
(SAMOS) 262
South African reserve bank (SARB) 262
South Korea 286, 295
"space of flows" 287
spam 106
spin-off 144
spin-off title 145
spyware 158
standardization 100
state-wide area network (SWAN) 240
stealthware 158
stock purchases 63
stock theory 93
strategic assets 140
strategic inventory management 142
strategies for success 273
subscription arrangement 158
subscription model 162
subscription revenue model 162

supermarkets 138
 supplier relationships 142
 supply chain management (SCM) 359,
 360, 364
 symmetric key cryptography 120
 systematic risk (SR) 48

T

technology, media and telecommunica-
 tions (TMT) 40
 telecommunications 297, 329
 Tesco 138
 time deposit 87
 Tipper Tie 363
 total risk (TR) 44, 48
 tourism 200
 traditional industries 137
 traditional physical products 155
 transaction cost approach 62, 65
 transaction cost reductions 157
 transaction costs 62, 65
 "transaction trust" 277
 transactional process 65
 transactions 62, 65
 transactions cost economics (TCE) 22
 transactions costs 317
 transactions-cost approach 149
 transactions-cost-free market 26
 transparent legislation 102
 trust 142

U

union power 140
 United Nations 202
 University of Ballarat (UoB) 221
 urban regions 201
 URL references 200
 USA Funds® 131

V

value at risk (VAR) 45, 48
 versioning 159
 vertical disintegration 140
 vertical integration 140
 virtual community 290

virtual private networks (VPN) 102
 visible electronic signature protocol 117
 voice over Internet protocol (VoIP) 100

W

Wal-Mart 142
 watermarking 111
 Web advertising 161
 Web employment advertising 163
 Web pages 200
 Web portals 217, 220
 Web services 169
 websites 202
 weightless economy 3
 welfare analysis 192
 wired world 203
 wireless application protocol (WAP)
 100
 "wireless in local loop" (WILL) 239
 World Bank 345

X

xDSLs 289
 XML 128, 169
 XML signature 128

Y

Young Australian Rural Network (YARN)
 226