Index

Symbols	CAS-based KnS framework 221, 222, 232
3D virtual environments (3DVE) 186	CAS-based methodology 234
3D virtual environments (3DVE) 180	change management 203
A	co-opetion, theory on 89
	co-opetition 90
access 10	cognitive
acquiring knowledge 168	challenge 257
active participation 286	collaboration 120, 257
activity theory (AT) 153	collaboration services 56
adaptive digital storytelling (adaptive DST) 52	collaborative
artificial worlds 309	learning
asynchronous	communities 257
discussion 261	online learning model 257
asynchronous communication tools 7	skills 257
asynchronous interaction 120	collaborative analysis tool (ColAT) 159
authentic learning 192	collaborative problem solving 152
authoring tools 13	collaborative problem solving, learning effectiveness
automatic addressing 49	of 151
autopilot 174	commitment 82
1	communication 250, 286
В	communities 18
1 1: 1 4 74	communities, emerging 80
banking industry case 74	communities and networks 19
barriers 82	communities of practice 48
benchlearning 171, 172	communities of practice (CoP) 203
benchmarking 171, 172	community building 17, 250
binary and directed sociogram 99	community management roles 83
born global high-technology companies 88	community models 82
bottom-up knowledge networking 17	community of practices 3
business-to-consumer (B2C) 315	community problem solving 154
business process re-engineering (BPR) 327	complex decision-making, organizing 68
business strategy 325	computer-mediated settings 151
C	consolidated model 303
C	consumer-to-consumer (C2C) 315
C&C tools, current and future presence of 79	content management 51
C&C tools, targets of 81	contextualized storytelling 51
C&C tools, utilization of 79	contributions 249
C2C trade 315	cooperative working tools 9
	1

Corps of Engineers Natural Resources Management	enterprise knowledge sharing 218
(NRM) Gateway 199	enterprise knowledge sharing, CAS-based modeling
CosyLMSAnalytics tool 163	of 217
CSCW community 17	enterprise KnS behavior 218
curriculum 257	enterprise KnS environment 219
cyberspace evolving 183	enterprise KnS influence diagram 219
D	enterprise tacit 218 episodic knowledge, re-contextualization of 57
data 11	explicit and tacit knowledge 301
data analysis 160	explicit enterprise 227
data analyzing tools 14	explicit group 227
database 12	explicit group knowledge 301
data extraction tools 13	explicit individual 227
data integration tools 13	explicit individual knowledge 301
data mart 12	explicit knowledge 88, 303
data processing tools 14	extranet 5
data warehouse 12	E
diffusion 11	\mathbf{F}
Digital Storytelling Association (DSA) 50	file server 295
digital storytelling cookbook and travelling compan-	file system 12
ion (DSC) 53	formalized localization 48, 49
directed binary sociogram 100, 102	formal meetings 291
directed numeric sociogram 100	
directed sociogram 101, 102	G
directed valued sociogram 101	general purpose approach 80
distance	generation 10
education 257	Greek educational blogosphere 119
document 11	Greek educational online community 113
document handling system 293	group
Dramatica 52	learning 260
E	group explicit 218
E	group knowledge 300
e-collaboration 308	group tacit 218
e-commerce 308	
e-democracy 69	Н
e-democracy, applications 64	help desk 15
e-democracy, concept of 64	help services 157
e-democracy, limits 64	host networks 5
e-democracy, social software perspective 61	human computer interaction (HCI) 257
e-KnSMOD 225	human networks 220
e-learning paradigms 188	human resource challenges 174
e-motion 138	human resource management benchlearning 172
e-motional knowing, phenomenology of 137	human transcription 49
education 257–279	hybrid synergy 121, 123
educational knowledge ecosystem 194	hypermedia novel (Hymn) 53
educational social network 107	, , ,
embodied "knowledge" 132	I
embodied knowing 133	ICT, new opportunities from 76
emotions on knowing 139	ICT in education 182
enterprise explicit 218	10.1 111 0000001011 102

Index

indexing tools 13, 14 knowledge map 7 individual explicit 218 knowledge networks 62 individual knowledge 300 knowledge networks, social perspectives 97 individual problem-solving 161 knowledge networks as sociograms 96 individual tacit 218 knowledge resources 327 infrastructure, enabling 5 knowledge sharing 89, 169, 293, 296, 324 inter-organizational benchlearning 168 knowledge sharing, impact of 87 inter-organizational knowledge-sharing 176 knowledge sharing, integrated model of 280 inter-organizational knowledge acquisition 169 knowledge sharing, theoretical model for 287 inter-relational knowing 141 knowledge sharing, Web 2.0 50 interaction 257 knowledge sharing in case organization 290 internal knowledge sharing 90 knowledge sharing in software development 280 knowledge sharing in value networks 90 Internet 5 Internet as collaboration platform 63 knowledge sharing through social interaction 291 Internet as knowledge networks 62 knowledge strategies, internal 331 Internet as political medium 64 knowledge strategy (KS) 324, 326-328 intervention 157 knowledge strategy (KS), in practice 330–334 intranet 5 knowledge strategy (KS), socialization approach intrinsic motivated learning 192 320-345 knowledge strategy oriented framework 1 K knowledge worker 222 KnS-scape 226, 229 keyword tagging 56 KnS-scape, rules of 227 KM leadership characterization 232 KnS agent 226 knowing as practice 135 KnS culture 220 knowing body, phenomenology of 132 KnS environment 233 knowing in organisations 138 KnS environment state 227 knowing in organizations 131 KnS influences/enablers 224 knowledge 18, 281, 325–326 KnS organization view 227 knowledge, organizational 325-326 KnS portfolio 233 knowledge, social aspect of 18 Kolb's learning cycle 284 knowledge, types of 302 knowledge-creation opportunity 226 L knowledge-sharing community 176 knowledge-sharing portal 174 learner 259 knowledge acquisition 169 learning, three perspectives 98 knowledge as multiple learning cycles 303 learning communities 181, 186 knowledge base 13 learning object 11 knowledge brokers 202 learning process 284 knowledge codification tools 3 lightweight application server (LAS) 55 knowledge creation (KC) 229 linkopedia 15 knowledge creation tools 2 local area networks (LAN) 5 knowledge delivery tools 3 localization 48 knowledge delivery tools, 3 log files analysis (LFA) 158 knowledge integration 331 M knowledge management 17 knowledge management (KM) 202, 280, 320–345 managed learning environment (MLE) 15 knowledge management (KM), as management fad management 170 327 management, new challenge 76 knowledge management, organizational 325 media centric knowledge management theory 47 knowledge management tools 1 media centric knowledge sharing 46 knowledge management tools classification 2, 4

members' involvement 83	organizational values, integrated model 336-337
Merleau-Ponty, advanced phenomenology of 133	P
moderate asynchronous tools 8	1
moderate synchronous tools 7 movement oriented design (MOD) 53	participation 175
multi-agent enterprise KnS simulation model (e-KnS-	Penrose rents 329
MOD) 224	people-to-document tools 4, 10, 11
multi-step method 160	people-to-people tools 4, 7
multimedia contents 56	personal networks 292
multimedia contents, authoring of 56	pheno-practice of knowing 139
multimedia contents, exploration of 55	political networks, building 68
multimedia object 11	political networks, building and organizing 67 Porter's five forces model of strategy 328
multinational corporations (MNC) 90	practiced localization 48
multiple learning cycles 302, 303	pre-post questionnaires 159
N	problem-solving content usage 157
N	problem-solving paths 163
networked educational communities 108	problem solving learning communities 153
networked educational communities, collaboration	problem solving learning communities, exploitation
in 109	152
networks 18	problem solving learning communities, theoretical
new working environment, challenge of 75	issues of 152
new working environment, community and collabo-	processes, socialization 339–342
ration tools 74	professional families approach 80
non-linear story 57	project management tools 6
non-moderate asynchronous tools 8	proposed conceptual framework, axes of 155
non-moderate synchronous tools 8 NRM Gateway 204, 206	publishing 50 publishing tools 15
NRM Gateway Field Review Group (FRG) 210	publishing tools 13
NRM Gateway Website 211	Q
·	query tools 15
0	query tools 13
OLAP systems 12	R
OLTP systems 12	Recreation Leadership Advisory Team (RLAT) 204
online	reflective learning 192
classroom 257	reporting tools 15
community 257	representation 10
discussion 257	resource-based view of knowledge (RBV) perspec-
forum 259 interaction 258	tive 326
teacher 260	resources-processes-values (RPV) framework
online communities 186	332–336
online education ecosystem 195	resources-processes-values (RPV) model 338
online learning communities 185	retrieval tools 14
online teacher education 107	S
Open University Malaysia 257, 260	
opportunities 193	search tools 14
organizational commitment 83	Second Life 308, 310
organizational flexibility 168	Second Life, park scene 310
organizational obstacles 177	Second Life for learning 191
organizational values 334–339	semantic tagging 56

Index

semantic zapping services 55	task management tools 6
Sensorama virtual reality system 309	teacher
sharing knowledge 168	-student interaction 257
simplified LAS architecture 55	teaching
smart mapping tools 9	English as a second language (TESL) 262
social coherence of groups 163	team skills 257
social collaborative learning tools 110	technical media 296
social interaction 293	technology-intensive value networks 88
social learning 192	theory of co-opetion 90
social network analysis (SNA) 24, 158	think aloud protocol (TAP) 159
social networks of knowledge network 103	threats 194
social sciences research 176	transcription 48
social software 21, 24, 239	trust 175
social software, bottom-up knowledge networking	tutor 261
17	
social software, community building 17	U
social software, facilitating e-learning with 237	usage of the tools, future 250
social software, LAS for 55	user interface problems 311
social software, learning activities 244	user interface problems 311
social software, technology for communities 21	\mathbf{V}
social software mediated communities 23	
social software tools 244	validating tools 13
social software tools, classification of 243	validation tools 14
social Web activities 119	value network of born globals 87
social Web asynchronous communication 105	value networks 90
social Web wiki episode 122	values, socialization 341–342
sociograms, examples of 99	values systems 335–336
sociograms, illustrating knowledge networks 96, 98	values systems, individual 337
sponsorship 82, 83	values systems, institutional 337–339
storage 10	Virtual Campfire 54
story engine 52	virtual classroom activities 115
storylining suspense 52	virtual learning environment (VLE) 15
storytelling environments 52, 54	virtual reality technologies 309
storytelling services 57	virtual trade, future of 314
strategic alignment, argument against 339	virtual worlds 194, 309, 315
strategic knowledge integration 331–332	virtual worlds, actual work accomplished 312
streaming technologies 15	virtual worlds, communities in 186
strengths 192	virtual worlds, e-collaboration in 308
SWOT analysis for learning 191	virtual worlds, e-commerce in 308
synchronous communication tools 7	virtual worlds, environment for learning communi-
syndication 51	ties 181
Synergo tool 153	virtual worlds, learning in 185
system trust 176	virtual worlds, opportunities for learning enhance- ment in 187
T	virtual worlds, studying human behavior 316
tacit enterprise 227	W
tacit group 227	**
tacit group knowledge 301	weaknesses 192
tacit individual 227	Web-based learning portal 173
tacit individual knowledge 301	Web 2.0 21, 46, 105
tacit knowledge 88, 303	Web 2.0 collaborative learning tool dynamics 105
<i>C</i> ,	

Web 2.0 software 110 Web 2.0 technologies 106 Web forum 243 Weblog 243 Weblog forum 115 Weblog forum episode 120 Weblogs 110 weblogs 127 Web publishing 22 wide area networks (WAN) 5 wiki 243 wiki, defined 30 wiki, uses of 35, 36 wiki-related forums 118 wiki content, protecting 44 wiki design principles 32 wiki forum 117 wikifying learning 119 wikis 22, 110, 127

wikis, collaboration in good use 34 wikis, communities of users 34 wikis, corporate use 34 wikis, education 37 wikis, evolution of 30 wikis, globalization 33 wikis, government uses 38 wikis, how they work 31 wikis, industry examples 38 wikis, miscellaneous uses 38 wikis, organizational complexity 33 wikis, social software aspect 32 wikis, social system 33 wikis, weaving a knowledge Web 28 wiki selection 39 workflow tools 13, 14 World of Warcraft 308, 310 World of Warcraft, dark forest scene 311