## Index

**A**
- action research (AR) 28
- adaptive structuration theory (AST) 194
- adoption of IT 12
- advanced information technologies (AIT) 194
  - AIT appropriation 199
  - AIT implementation 199
- arbitrary system 22

**B**
- boundary setting 20
- brainstorming session 22
- business market business unit (BMBU) 107

**C**
- cache memory 89
- canonical correlation analysis (CanCor) 226
- client-led design 24
- collectivism 75
- collectivistic cultures 5
- communication paradigm 253
- complementarist framework 27
- computer anxiety 275
- computer aptitude literacy and interest profile (CALIP) 182
  - computer attitude 154, 161, 211, 219
  - computer attitude scale (CAS) 182, 216, 271
  - computer mediated communication (CMC) 5, 255, 296, 298
  - cookies 89
- critical systems thinking (CST) 25, 29
- cross-cultural research 11, 62
- cultural differences 2
- cultural group 9
- cultural values 10
- culturally-influenced work-related values 10
- culture 5, 9, 61, 63, 64, 68, 78, 105, 108
- cultures 105

**D**
- database marketing 31, 33
- deception 290
- design architecture 47
- design engineers 49
- design philosophy 47
- design process 47

**E**
- e-mail 86
- electronic meeting systems (EMS) 195
- end user performance 180, 188
- end user relationships 241
- end user satisfaction 153, 160
- ergonomic environment 46
- ethics 24
- executive information system (EIS) 105, 113

**F**
- focus groups 38

**G**
- global IT research 2
- global organizations 1
- globalization 8, 62
- goal setting 180, 190
GOMS 52
group decision support systems (GDSS) 196

H
historical-social models 5
human factors engineering 47
human resource management 117, 127
human resource practices 117, 120
human-centered systems thinking 36
human-centred methods 20

I
individual differences 211
individualism 66
individualistic cultures 5
information systems (IS) 20, 31, 34, 105, 142, 153, 281
information systems development 25, 281
information technology 55, 62, 135, 142, 153
information technology implementation 55
interface design 45, 48, 51
Internet technology 83
intervention 21
IS development 20, 31, 105, 104, 112
IS research literature 1, 9, 11
IT end-user relationship 242, 243
IT end-user relationship paradigm 247, 248
IT planning 309, 310

J
joint application design (JAD) 109

K
knowledge management 287

L
logico-linguistic modeling (LLM) 105

M
management advocacy 161
management information system (MIS) 21
management science 25, 28
medical information databases 86
medium access control 91
mental model hypothesis 51
methodology 24, 28, 37, 57, 173, 217
microcomputers 56, 57
multiple dimension models 5

N
nation state 9, 11, 13
national culture 2, 6, 7, 8, 12
national culture concept 5
nominal group technique (NGT) 109

O
office technologies (OT) 194, 198, 204, 207
one culture 9
opportunity 8
organization environment 194
organizational actions 153
organizational culture 74

P
parallel scenarios 173
people management capability maturity model (PM-CMM) 120
politics 100
post-reengineering environment 169
processor serial number (PSN) 90
production system modeling 52
protocol analysis 52
psychosocial environment 46
public organizations 155

R
referent informational influence (RII) 72

S
scaling techniques 52
self-efficacy 185
shared values 64, 68
single dimension models 5
situationally conditioned belief (SCB) 169
social identity theory (SIT) 72
sociotechnical systems theory 195
soft systems methodology (SSM) 104
software engineering 117, 118, 120
software organisation 120
spatial visualization ability (SVA)
Index

269, 270, 275
sub-cultures 9
system analysis 46
system boundary 20
system knowledge 51
systems approach 51
systems development methodology 283

T
technological frames 137
Thai culture 5
theoretical classification 137
threefold approach 96
“too-little-too-late” phenomenon 49
total systems intervention (TSI) 25, 29
traditional culture 12

U
user mental models 51
user performance 51

V
value 64
value patterns 65
value survey module (VSM) 7
values 75, 105
viable system model (VSM) 140, 288

W
watermarks 90
wireless advertising 88
wireless communications 88
work environment 46