

## Terms Index

- 3D human body shape, 137
- 3D scan data, 205
- ability of fabric identification, 269
- accurate estimation of light-source os-  
tation, 269
- adherence, 185
- adjective, 229
- adjust-ment method, 165
- aesthetic perception, 239
- affection, 399
- affective communication, 175
- affective engineering, 169, 209
- affective engineering-based product de-  
sign, 209
- affective value, 283
- algebraic agents, 291
- algebraic systems, 291
- alternative, 253
- amount of experience and knowledge,  
269
- analyzing method, 25
- anisotropy, 215
- ANS, 261
- apparent size, 165
- aroma, 181
- artificial kansei designing, 19
- aspect ratio, 165
- attentional engagement, 399, 407
- binocular disparity, 215
- biochip, 169
- board games, 291
- body fluid, 169
- brain function connectivity, 105
- brand, 379
- bridge design, 253
- burden, 75
- business sign, 81
- cataract operation, 43
- chaos, 109
- character, 311
- childcare, 395
- classification, 113
- CMF (color material finishing), 333
- cognition, 239
- color, 191, 283
- color combination, 19
- color difference, 223
- color image scale, 19, 191
- color material finishing, 333
- color memory, 223
- coloring behavior, 47
- combination value, 321
- combinative value, 59
- comfort property, 205
- comfortable sensation, 185
- complexity of fabric drape shape, 269
- computer vision, 31
- concrete crisis, 361
- concrete engineers, 361
- concrete jungle, 361
- conglomerate, 379
- consensus building, 253
- consistency, 403
- context, 47
- convergence properties, 129
- corporate image, 53
- cosmetic facemask, 185
- counselor, 151
- couture maison, 123, 273
- craftsmanship, 63
- cultural familiarity, 399
- culture, 239
- culture characteristics, 361
- curvature, 205
- customer experience, 53
- customer satisfaction, 81
- customers' impression, 53
- cutting cloth model, 143
- darts, 157
- decision support, 11
- deep sleep, 109

- depth reversal, 215
- design method, 37
- dialogue, 175
- digital content, 43
- dispersion, 25
- draping, 157
- dress pattern, 157
  
- e-book, 69
- ease allowance, 137
- ECG, 261
- EEG, 109, 209
- EEG coherence, 105
- electric based textbook, 119
- electroencephalogram, 209
- electroencephalography, 181
- electronic book, 69
- elegance, 5
- EMG, 75
- emotion, 69
- emotion perception, 209
- emotion-on-a-chip, 169
- emotional biomarkers, 169
- emotional characteristics, 333
- emotional response, 191
- empathy, 247
- EOC, 169
- estimation, 175, 253
- evaluation, 261
  
- face recognition, 395
- factor score, 387
- fashion coordinate, 11
- fashion coordination, 59
- favorability, 349
- fit, 197
- fluctuation value, 297
- focal color, 223
- food TV commercials, 349
- fragrance, 235
- fuzzy inference, 229
  
- graphic design, 53
  
- heart rate variability, 399, 407
- historical town, 303
  
- horse riding, 197
- horse riding posture, 205
- HRV, 399
- HRV (heart rate variability), 407
- human-centered design, 279
- human-robot interaction, 175
  
- image analysis, 5
- image description generation, 97
- impression, 11, 229
- impression evaluation, 25
- impressions, 373
- individual difference, 215
- individual feature, 269
- individual pattern making, 137
- informed consent, 43
- interaction, 311
- interactive evolutionary computation, 235
- interactive manipulation, 143
- intercept, 297
- interpersonal reactivity index, 247
- Italy, 123, 273
  
- jacket appearance, 5
- jacket pattern, 5
- Japan, 123, 273
- Japanese paper, 63
- jodhpurs, 197, 205
  
- kansei, 25, 43, 239
- kansei engineering, 209, 291, 303
- kansei impression, 297
- kansei in fashion, 31
- kansei keywords, 113
- kansei model, 11
- kansei product design, 209
- kansei space, 229
- kansei value, 283
- kansei-value, 151, 355
- kawaii, 283, 311
  
- L\*a\*b\* color space, 223
- landmarks, 339
- layout angle, 165
- light sleep EEG, 109

- lighting patterns, 373
- logos, 53
- luxury, 379
- LVMH, 379
- lyrics, 373
  
- mandala, 209
- mapping, 157
- mask, 91
- mass-spring model, 143
- metrical linguistics, 327
- mirror neuron systems, 247
- modelist, 123, 273
- moisturizer treatment in advance, 355
- mood estimation, 175
- mother chrysanthemum, 181
- motion parallax, 215
- movie, 399, 407
- moviegoers, 403
- Mu rhythm, 247
- multimedia, 373
- multiple regression analysis, 387
- music, 373
- musical expression, 229
  
- natural language generation, 97
- navigation, 339
- Newton-like iterations, 129
- NIRS, 69
- nonlinear complementarity problems, 129
- notation validity, 387
- nursing care, 75
  
- observing group action, 247
- onomatopoeia, 321
- optimization, 113
- outline image, 47
  
- parasympathetic nervous system, 407
- pattern, 123, 273
- performance matrix, 253
- performance requirements, 197
- perfume, 181
- personality test, 395
- physiological signals, 403
  
- plant factory, 349
- playlist, 321
- playmate robot, 395
- PNS (parasympathetic nervous system), 407
- polysomnography, 181
- preference, 91, 235
- preferred design, 197
- problem, 91
- product design, 239
- product reviews, 113
- production precess, 123
- production process, 273
- prosodic fluctuation feature, 175
  
- Q & A site, 387
- questionnaire, 91, 269
- questionnaire survey, 361
  
- readability, 119
- reading, 69
- real-time handling, 143
- recommendation, 59, 321
- reference data, 403
- reliability, 403
- relieving fear, 43
- respiration, 261
- respiratory sinus arrhythmia, 407
- Richemont, 379
- RSA, 407
  
- salivary amylase consistency, 119
- science fiction movie, 279
- self organizing map, 303
- sensitivity, 151
- sensory tests, 185
- sesign trend, 367
- shape, 283
- shear limit, 137
- sign deviation value, 81
- signal processing, 297
- silhouette analysis, 5
- simulation, 157, 191
- size, 283
- skin counseling, 151
- skin physiology parameter, 355

skincare routine, 355  
sleep, 109  
smart phone, 367  
social emotion, 105  
soft computing, 113  
sound effects, 69  
soundscapes, 339  
specification form, 37  
specification sheet, 123, 273  
statistical analysis, 327  
story, 373  
strategy, 379  
streetscape, 303  
stress, 119  
structure, 63  
structured concept, 37  
subjective evaluation, 63, 119  
sum of squared errors, 297  
system design process, 37  
system outline, 37

t-test, 165  
tabu search, 235  
tailored jacket, 123, 273  
text generation, 97  
text mining, 91, 327  
texture, 63  
tight sleeve, 137  
tightness, 185  
tourism, 327  
towel, 261  
trousers, 75

upper garment, 137  
user experience, 279  
user interface, 279

vagueness, 25  
valence, 105  
variable neighborhood models, 19  
virtual environments, 339  
virtualized draping, 143  
visual analogue scale, 269  
visualization, 11  
VR (virtual reality), 191  
VR technology, 191

white products, 333  
willingness to purchase, 349  
window size, 269  
word familiarity, 387  
workload, 75

zoning, 303