

## Subject Index: CIT Vol. 23 (2015), N° 1–4

---

- algorithm, 211
- ant colony optimization, 141
- authentication, 295, 341
- avalanche effect, 317
- Baum-Welch, 157
- big data, 231
- biometric cryptosystem, 329
- block codes, 191
- cellular automata rule, 317
- cloud computing, 341
- cloud services, 75
- clustering, 245
- collaboration, 61
- communication, 61
- compression ratio, 111
- computer science, 29, 303
- congestion control, 95
- convenience, 61
- cooperative meta-heuristics, 141
- crowdsourcing, 43
- cryptographic hash function, 317
- dangers of the emerging technologies, 1
- data mining, 171
- data recoverability, 191
- data retrievability, 191
- data web, 87
- database compression, 111
- decision support system, 211
- differential evolution, 157
- distributed storage systems, 191
- education management system, 255
- educational ontology, 269
- emerging technologies, 19
- energy efficient routing, 95
- extendible array, 111
- eye tracking, 171
- eye-gaze behaviour, 171
- facial expressions, 157
- fixed wireless network, 283
- future web, 87
- fuzzy logic controller, 95
- garbage accumulation point, 211
- garbage bin, 211
- genetic algorithms, 141
- Hadamard code, 329
- hardware acceleration, 329
- Hidden Markov Model, 157
- homomorphism, 341
- incomplete web data, 43
- integrated spatial and descriptive data, 211
- iris recognition, 329
- key agreement, 341
- knowledge discovery, 245
- learning analytics, 269
- learning management systems, 75
- LMS, 75
- location estimation, 283
- machine learning, 283
- malicious nodes, 95
- Man-in-the-Middle, 283
- MOLAP, 111
- multidimensional array, 111
- networking, 61
- occurrence order, 157
- online education, 61
- ontology, 29, 255
- optimization, 157
- parallel metaheuristics, 141
- pedagogy, 61
- philosophy, 29
- planning software development, 123
- preference queries, 43
- privacy attitudes, 231
- privacy, 231
- programmable cellular automata, 317
- pseudorandomness, 317
- psychology, 29
- quantitative techniques, 123
- Reed-Solomon code, 329
- RFID, 295
- risk management techniques, 123
- risk management, 123
- searching, 295
- secondary use, 231
- secret sharing, 341
- security, 295, 303
- semantic retrieval, 255
- semantic trajectory, 245
- semantic web, 269
- server-less, 295
- skyline queries, 43
- social implications, 1
- social network analysis, 269
- social web, 87
- socialization, 61
- soft decision decoding, 191
- software project management, 123
- software risk factors, 123
- solid waste, 211
- spatiotemporal data, 245
- SQL, 211
- SQL-Tutor, 171

stepwise regression analysis techniques, 123  
Structural Equation Modeling, 231  
student-centered approach, 61  
symmetric bivariate polynomial, 341  
teach center, 75  
teaching and learning, 61  
timing analysis, 283  
trust, 95  
user modeling, 231  
vehicle routing problems, 141  
web applications, 1, 19  
web engineering, 87  
web observatory, 87  
web science, 87  
web services, 1, 75  
web technologies, 1  
web-based learning, 61  
Wi-Fi, 283  
wireless multimedia sensor network, 95  
worked examples, 171