	Multimedia(v) —
Artificial intelligence(r)	Artificial intelligence(v)
Mathematical optimization(r) Combinatorics(r)	
Computer graphics (images)(r)	Computer vision(v)
Human-computer interaction(r)	Data mining(v)  Algorithm(v)
Cognitive psychology(r) Statistics(r) Geometry(r)	Computer graphics (images)(v)
Data mining(r) Machine learning(r)	Human-computer interaction(v)
Data science(r) Neuroscience(r) Algorithm(r)	Information retrieval(v) — Theoretical computer science(v) — World Wide Web(v) — Computational science(v) —
Theoretical computer science(r) Applied mathematics(r)	Data science(v)
Computer vision(r) Optics(r)	Mechanics(v)
Information retrieval(r) World Wide Web(r) Computational science(r) Mechanics(r) Programming language(r) Knowledge management(r) Computational biology(r) Pure mathematics(r) Multimedia(r) Natural language processing(r) Mathematical analysis(r) Software engineering(r) Radiology(r) Parallel computing(r) Statistical physics(r)	Computational biology(v) —
Econometrics(r) Database(r) Cartography(r)	