

- 295 System theory
 Cf. T57.6+ Operations research. Systems analysis
 Cf. TA168 Systems engineering
- Cybernetics
 Cf. QA75+ Computer science
 Cf. QA267+ Machine theory
 Cf. QA402.3+ Control theory (Mathematics)
 Cf. QP351+ Nervous system and the senses
 Cf. TJ212+ Control engineering
 Cf. TK7885+ Computer engineering
- 300 Periodicals, societies, congresses, serial publications
- 303 Collected works (nonserial)
- 304 Dictionaries and encyclopedias
- 305 History
- 310 General works, treatises, and textbooks
- 315 Popular works
- 315.5 Addresses, essays, lectures
- 316 Study and teaching. Research
- Bionics
- 317 Periodicals, societies, congresses, serial publications
- 317.5 Collected works (nonserial)
- 320 General works, treatises, and textbooks
- 320.5 Juvenile works
- 321 Addresses, essays, lectures
- Self-organizing systems. Conscious automata
- 325 General works
 Machine learning
- 325.5 General works
- 325.6 Reinforcement learning
- 325.7 Computational learning theory
- 325.75 Supervised learning
- 325.78 Back propagation
- 327 Perceptron theory
 Cf. TK7882.P3 Pattern recognition systems
- Artificial intelligence
- 334 Periodicals, societies, congresses, serial publications
- 334.2 Dictionaries and encyclopedias
- 334.5 Collected works (nonserial)
- 335 General works, treatises, and textbooks
- 335.4 Juvenile works
- 335.5 Addresses, essays, lectures
- 335.7 Study and teaching. Research
- 336 Data processing
 Distributed artificial intelligence
- 337 General works
- 337.3 Swarm intelligence
- 338 Truth maintenance systems

Cybernetics

Self-organizing systems. Conscious automata

Artificial intelligence -- Continued

- 338.8 Case-based reasoning
- 338.85 Commonsense reasoning
- 339 Default reasoning
- 339.2 Nonmonotonic reasoning
- 339.25 Qualitative reasoning
- 340 Constraints
- 341 Turing test
- 342 Computational intelligence

Information theory

Cf. P87+ Communication

Cf. QA268 Coding theory (Mathematics)

Cf. TK5101+ Telecommunication (General)

Cf. ZA3038+ Information resources

- 350 Periodicals, societies, congresses, serial publications
- 352 Dictionaries and encyclopedias
- 355 History
- 360 General works, treatises, and textbooks
- 365 Popular works
- 367 Addresses, essays, lectures
- 370 Measurements. Tables, calculations, etc.
- 375 Uncertainty theory
- 380 Noise
- 385 Rate distortion theory
- Knowledge representation
 - 387 General works
 - 387.2 Conceptual structures
 - 387.3 Description logics
 - 387.5 Semantic networks
- 390 Frames
- (500-510) Operations research
 - see T57.6+