*Embedded computer systems

Class here microcontrollers

*For a specific aspect of embedded computer systems, see the aspect, e.g., systems analysis and design of embedded computer systems 004.21, wireless sensor networks 006.25, software for embedded systems 005.3*

*Sensor networks

Add to base number 006.25 the numbers following 00 in 004–005, e.g., operating systems for sensor networks 006.25543

*Artificial intelligence and natural computing

Standard subdivisions are added for artificial intelligence and natural computing together, for artificial intelligence alone

Class here computational intelligence, comprehensive works on artificial intelligence and cognitive science

Class pattern recognition in 006.4; class robotics in 629.892

*For cognitive science, see 153

See also 005.115 for logic programming

See Manual at 006.3 vs. 153

*Distributed processing

Class here distributed artificial intelligence, intelligent agents, multi-agent systems

Class swarm intelligence in 006.3824

Philosophy and theory

Class here computational learning theory

*Data mining

Class data mining of specific subjects with the subject, e.g., web usage mining 025.0420727

*Computer vision

Class image-based biometric identification in 006.248; class optical pattern recognition in 006.42

See Manual at 006.37 vs. 006.42, 621.367, 621.391, 621.399

*Cellular automata

*Computer pattern recognition

Class artificial intelligence in 006.3

*Use notation 019 from Table 1 as modified at 004.019
.42 *Optical pattern recognition

Class here comprehensive works on optical pattern recognition and computer graphics

Class image-based biometric identification in 006.248; class computer vision in 006.37; class optical engineering aspects of optical pattern recognition in 621.367; class interdisciplinary works on bar coding in 006.242

*For perceptrons, see 006.32; for computer graphics, see 006.6

See Manual at 006.37 vs. 006.42, 621.367, 621.391, 621.399

.74 *Markup languages

Class here general document markup languages, style sheet languages

Arrange alphabetically by name of language, e.g., Cascading Style Sheets (CSS), XML

Class XML query languages (e.g., XQuery) in 005.758

*Use notation 019 from Table 1 as modified at 004.019