

- 1 The use of a probabilistic neural network (PNN) based classifier is much easier than the use of a back propagation neural network (BPN) based classifier, because of the many setting parameters and the time consuming training process of a BPN.
- 2 The performance of a PNN is more reliable than that of a BPN, because of the reject class option on PNN output.
- 3 The tabular and graphical representation of the information extracted from the output file of a classifier is fundamental for its optimal evaluation by clinicians.
- 4 The analysis of motor activities is important for clinical applications such as pre- and post-medication or pre- and post-operation. Motor activities recorded simultaneously with the ECG signal may help to get a better picture of heart diseases.
- 5 Neuro-Fuzzy systems combine advantages of both fuzzy systems and neural networks. The advantage of fuzzy systems is that they include explicit knowledge which can be explained and understood. The advantage of neural networks is that they include implicit knowledge which can be acquired by learning.
- 6 Daily life motor activities are complex and show extremely large inter- and intra individual variation which excludes using regular signal processing tools for recognition.
- 7 An Artificial Neural network is a simple mimicry of the biological neural system, Fuzzy Logic is an imitation of human reasoning and a Genetic Algorithm is a simple simulation of biological natural selection.
(Wasserman, Lotfi Zadeh, Holland)
- 8 We wish to see some creatures on Mars, because we do not like to be alone in the universe.
(BBC World)
- 9 The quality of the programs on television is inversely proportional to the number of commercial broadcastings.
- 10 Imagination is more important than knowledge.
(A. Einstein)

- 11 The width of the speed distribution function around maximal allowable speed on highways depends on the present of control-cameras.
- 12 The information highway is a wonderful gift from scientists to people of developing countries.
- 13 The information highway will transform our real life into virtual life.