Som

It is a sheet-like artificial neural network, the cells of which become specifically tuned to various input signal patterns or classes of patterns through an unsupervised learning process.

have been used for tasks similar to those to

which other more traditional neural networks have been

applied: pattern recognition, robotics, process control, and

even processing of semantic information.

its learning speed, especially when using computational shortcuts, can

be increased to orders of magnitude greater than that of

many other neural networks.

their classification accuracy 分類精度 網格大小?

can be multiplied if the cells are fine-tuned using supervised learning principles