

Paper 5

To test the model of motion detection a computer simulation was performed. The simulation uses a video sequence of a real-world scene as input and presents eight video sequences of output, showing the motion in the input sequence in eight different directions. That is, the output consists basically of a copy of the input minus the patterns that do not move in the particular direction.

This paper is a technical report describing how the simulations were done. It lists the equipment used, describes the operation of the individual neurons, and says how much noise was introduced in the system. Furthermore, the paper presents the effects of changing some of the parameters.