

**Neural Network Simulation Environments** pp 165–186

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SNNS (Stuttgart Neural Network Simulator)

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Chapter

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Abstract

We here describe SNNS, a neural network simulator for Unix workstations that has been developed at the University of Stuttgart, Germany. Our network simulation environment is a tool to generate, train, test, and visualize artificial neural networks. The simulator consists of three major components: a simulator kernel that operates on the internal

representation of the neural networks, a graphical user interface based on X-Windows to interactively create, modify and visualize neural nets, and a compiler to generate large neural networks from a high level network description language.

Keywords

Graphical User Interface Radial Basis Function

Multilayer Feedforward Network

Procedural Language

Handwritten Character Recognition

These keywords were added by machine and not by the authors. This process is experimental and the keywords may be updated as the learning algorithm improves.

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