

# **SIMREC 1 – SIMULATOR FOR RECURRENT NEURAL NETWORKS**

**by**  
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**Abstract:** The paper briefly presents a program for recurrent neural networks simulation. The simulator allows the user to define the input prototypes and the method of computing weight matrix. It permits also to generate associative memories invariants to some geometric transformation of patterns to be recognized.

**Keywords:** Recurrent neural network, auto-associative memory, prototypes.