



David Blower (lower right) and the Volume IV Editors Romke Bontekoe (upper left) and Barrie Stokes (upper right) at the MaxEnt workshop, Oxford MS, 2009.

“A generic label—artificial neural networks (ANNs)—has been bestowed on the whole concept of a biologically inspired structure of interconnected nodes and weights that might mimic in computer code how the human brain solves inferential problems. One historically early instantiation of an ANN was called a multilayer perceptron. I am curious as to whether a multilayer perceptron can replicate the findings of a full and complete probabilistic analysis. It is possible to conduct rather extensive numerical experiments with ANNs in Mathematica using its new and powerful built-in functions.”

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Introduction to Artificial Neural Networks

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