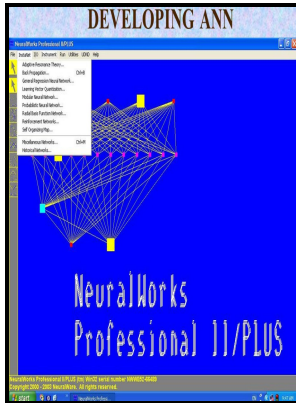# NeuralWorks reference guide - NeuralWorks Professional II/PLUS and NeuralWorks Explorer.

NeuralWare - Analyte recognition for urinalysis diagnostic system

Description: -
-NeuralWorks reference guide - NeuralWorks Professional II/PLUS and NeuralWorks Explorer.
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Notes: Spine and cover title: Reference guide.
This edition was published in 1993

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Feed

. Engine - This is an Active X control that contains the neural and genetic training methods that we have used ourselves in the NeuroShell Predictor, the NeuroShell Classifier, and the NeuroShell Trader. Otherwise, the particle is classified as an artifact.

Using neural networks to predict thermal conductivity of food as a function of moisture content, temperature and apparent porosity

This training strategy is one of the recommended methods to reduce the possibility of overtraining, a situation in which a network performs well on its training data, but poorly on independent test data ;. . This is calculated by placing a radial line of length 128 pixels over the transform, and rotating the radial line through an arc of 180 degrees by increments of N degrees.

Analyte recognition for urinalysis diagnostic system

For a high number of particles e. With only minimal user involvement it addresses the issues associated with building robust models from available empirical data.

Read Neural Networks in Bioprocessing and Chemical Engineering Online by D. R. Baughman and Y. A. Liu

For each increment of N degrees, the average value of the pixels on the line is calculated. The argument of the transfer function is usually modified by adding a bias term $\hat{I}$¸ to partially mimic the thresholding characteristic of a neuron, which means that a neuron is only triggered when the level of chemical signals it receives exceeds a certain level.

Using neural networks to predict thermal conductivity of food as a function of moisture content, temperature and apparent porosity

Combining both can result in extremely compact network structures i. FFT 128 Pixel 75% Quantile Radial Average Value: the radial average value from the queue corresponding to the 75% quantile of the average values stored in the queue.

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