
Subject: Re: Neuronal Network Programming Tool
Posted by [pford](#) on Tue, 11 May 1999 07:00:00 GMT
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Alex Loew (alexander.loew@stud.uni-muenchen.de) wrote:

: Hi,

: I'm searching for a program package or routines which can be used to
: create neuronal network structures in IDL.
: I searched the web but didn't found anything.

: Does anyone has any ideas from where to get it? I need it for my
: diploma thesis.

: Thanks a lot.

: ALEX

: *****

: Alexander Loew

: alexander.loew@stud.uni-muenchen.de

: "Ein Spezialist ist jemand, der von immer weniger

: Ein Generalist ist jemand, der von immer mehr

By neuronal networks, I assume you mean artificial neural networks(ANN).
As far as I know, there are a lot more tool boxes for MathLab than for
IDL. I don't know of any and I would also appreciate finding them.

Since ANNs perform a large numbe of matrix operations, IDL should work
well, but I always manage to screw up matrix multiplecation in IDL and I
could not successfully manage (1XN), (NX1) or (1X1) vs scalar. SO I gave
up and wrote a back-propagation 3-level network in C that I call from IDL.

If you are interested I can supply you the code. It is not fancy, no
widgets or anything like that.

Regards

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