Another letter concerning
my contribution drafted for the
30th ATTC at NSWC Carderock

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From: Michael Schmiechen
Sent: Friday, September 15, 2017 3:02 PM
To: John Hoyt III
Subject: Another mail

Dear John,

after having put my wife Susanne onto a train and having dispatched the
leaflets attached with a call for papers to be distributed at the ITTC I finally
find the time to read and write in a very relaxed mood. Yesterday I read
another paper on deep learning and this paper is the final trigger for this
mail.

But first of all I would like to thank you again for motivating me to write a
'new' paper and for going through all the trouble with your committee and
my 'peers'.

The paper mentioned is concerned with the fact, that artificial neuronal
networks are still (?) suffering among others from the same limitation as the
networks under human skulls. They are trained and thus 'spoiled' by the
necessarily limited (!) range of information offered. Many years ago using
my 'brain maker' I learned, that the information provided even needs to be
randomised, else the brains are spoiled right away.

But we humans have the capability to avoid that trap, provided (!) we are
open for new information, which does not fit our 'prejudices', and if we
'digest' that information! I read preferably papers opposed to my prejudices,
as this is the only way to learn something new. And the adoption of any
new information takes place in the ongoing dialectical procedure, by mov-
ing from thesis and anti-thesis to synthesis.

'Dialectic' is not to be confused with 'debate', which has a winner, often
'declared' by group consensus! (Wikipedia). As 'minority' I cannot possibly
be the winner, thus I try to convince my colleagues jointly to solve our
problems. And in the dialectic process my prejudices are of course chang-
ing, hopefully not too often and too much meandering.
Concerning the draft contribution I submitted I note, that the development I have summarised 'in plain' terms' took place since 1961. In a short paper I could of 'cause' only refer to the problems and the solutions so far. That there are problems is not my fault! I have 'only' clearly identified them and drawn the conclusions, 'in plain terms': I have 'consequently' developed solidly based solutions to maturity.

The parable of the sower (e. g. St. Luke 8, 4-15) summarises this and my former note, my draft paper, in fact all my work over the past decades most efficiently in every detail. And it ends with the appropriate advice: 'He that hath ears to hear, let him hear.' When I was permitted to give a talk at DTNSRDC at least one colleague used his ears.

Yours, Michael.

Berlin, 2017.09.16