

To: Jeffrey Epstein[jeevacation@gmail.com]
From: Valentino Braitenberg
Sent: Mon 8/24/2009 4:14:24 PM
Subject: Re:

Dear Jeffery,
Valentino is ill and not able to reply at present. If he would be able, he would say Ad Aertsen (Freiburg, Germany) and Moshe Abeles (Israel).
Almut Schüz (Valentino's co-worker)

On Wed, 12 Aug 2009 16:48:20 -0400

Jeffrey Epstein <jeevacation@gmail.com> wrote:
> who is doin the best work on signal processing (wavelet or other analysis)
> of brain activity
>
> On Wed, Aug 12, 2009 at 11:49 AM, Valentino Braitenberg <
> v[REDACTED]> wrote:
>
> > There was a time when anatomy was considered a harmless pastime for shaky
> > old grandfathers, while the young and beautiful stuck electrodes in living
> > brains and clapped their hands everytime a spike appeared on the face of
> > their oscilloscopes. It was at that time that I started my research and
> > picked neuroanatomy as my main tool, for two reasons: (a) because I did not
> > have the money to buy an oscilloscope and (b) because I was fascinated by
> > the idea of networks being able to do almost anything, as the emerging
> > science of electronic computers seemed to suggest. The new look at brains in
> > terms of information handling networks proved successful in various ways. I
> > am proud of the following:
> > (1) a very convincing interpretation of the structure of the cerebellum as
> > a time-measuring device with an accuracy of one millisecond or better; (2)
> > an accurate description of a fiber network between the eye and the brain of
> > insects, where each individual fiber is given origin and destination
> > according to a precise scheme derived from geometrical optics; (3) a model
> > of the visual cortex of mammals in complete agreement with the known
> > facts of cortical anatomy and sufficient to explain all the miraculous
> > effects discovered by Hubel and Wiesel, but not explained by them.
> > Besides these results (1), (2), (3) which were original (and in part
> > even shocking) because of the unusual direct translation of anatomical
> > information into functional schemes, we also did some more conventional
> > neuroanatomy, mainly on the cortex (4), with an emphasis on quantitative
> > relations between number and size of elements, as a necessary contribution
> > to general theories of cortical function (such as Hebb's Cell Assemblies or
> > Moshe Abeles' Synfire Chains).
> >
> > All told, if you want to know "the most promising part of our work", I
> > think it is a rather relaxed way of theory making, unencumbered by
> > mathematical gymnastics and philosophical vanity.
> >
> > Thank you for you interest
> >
> > Valentino
> >
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> >
> > ----- Original Message -----
> > *From:* Jeffrey Epstein <jeevacation@gmail.com>
> > *To:* Valentino Braitenberg <[REDACTED]>
> > *Sent:* Monday, August 10, 2009 4:46 PM
> >

> > marvin said you had spoken.. ., what do you see as the most promising part
> > of your work?
> >
> > --
> > *****
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