

From: "jeffrey E." <jeevacation@gmail.com>

To: Misha Gromov <[REDACTED]>

Subject: Re:

Date: Tue, 13 Mar 2018 09:03:18 +0000

the brain exists in 3d. so position in space for the node is not factored in in neural nets. . to some extent the architecture that allows folding making the far last node right next to the first is not what i have seen so far. most of the nets look like snow flakes. i think they should look more like folded proteins

On Tue, Mar 13, 2018 at 9:45 AM, Misha Gromov <[REDACTED]> wrote:

there is a formal similarity between neural networks and ergo,both appeal

to composability for searching "low dimensional manifolds"

An amusing part of neural networks is linerasability+ gradient descent which may be justified by ergo and then used in ergo algorithms.

On Tue, 13 Mar 2018 09:35:37 +0100, jeffrey E. wrote:

is there a transformation from neural nets to manifolds? or are you playing in a low dimensional space that only produces computations

On Tue, Mar 13, 2018 at 9:30 AM, Misha Gromov <[REDACTED]> wrote:

trying to connect with neural networks etc

On Tue, 13 Mar 2018 09:23:18 +0100, jeffrey E. wrote:

have you made any ergo progress. ?

On Tue, Mar 13, 2018 at 9:21 AM, Misha Gromov <[REDACTED]> wrote:

grass will not grow

On Tue, 13 Mar 2018 09:17:01 +0100, jeffrey E. wrote:

next time . i leave today . hope you feel better

On Tue, Mar 13, 2018 at 8:14 AM, Misha Gromov <[REDACTED]> wrote:

I have a gap tomorrow 1230-1530,

are you free?

On Thu, 8 Mar 2018 21:58:41 +0100, jeffrey E. wrote:

next week evening ok

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