

To: Jeffrey Epstein [jeevacation@gmail.com]
Cc: Martin Nowak [REDACTED]
From: Joscha Bach
Sent: Sun 8/11/2013 11:35:38 PM
Subject: Re:

It is a slightly cute idea to sell this as a "unified theory of intelligence", but the concept of maximizing your options for the future is a hammer that drives a lot of nails. We have used this as one of the possible heuristics for soccer-playing robots, for instance.

On the other hand, it is one heuristic that you only use when you do not have anything more substantial at hand, i.e., usually we want to go straight for a desired outcome that collapses the possible trajectories of the future into exactly what we want, and it has the drawback that it also increases the complexity of the future (which is why human subjects in economical experiments often avoid branching event horizons in favor of simpler ones, even if the expected payoff is lower).

One more interesting aspect of combining entropy with intelligence is the view of cognition as compression, which essentially amounts to identifying structure in the world by measuring the entropy of the representations.

Cheers!

Joscha

<http://www.insidescience.org/content/physicist-proposes-new-way-think-about-intelligence/987>

On Sun, Aug 11, 2013 at 4:39 AM, Nowak, Martin <[REDACTED]> wrote:

i'm at the airport in boston
i will see you soon!!!
so much looking forward.
much to discuss.

(also "crosstalk")

--

The information contained in this communication is confidential, may be attorney-client privileged, may constitute inside information, and is intended only for the use of the addressee. It is the property of

Jeffrey Epstein

Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by return e-mail or by e-mail to jeevacation@gmail.com, and destroy this communication and all copies thereof, including all attachments. copyright -all rights reserved