

From: Seth Lloyd <[REDACTED]>
To: "jeffrey E." <jeevacation@gmail.com>
Subject: Re:
Date: Sat, 25 Feb 2017 16:49:17 +0000

Dear Jeffrey,

He probably can't come but you would enjoy my friend and colleague Max Tegmark.

I've been following up on your question about symmetry -- or lack thereof -- in biological systems. In fact, the lack of symmetry in biology seems to be related to my observation that most biological equilibria are unstable.

Stable equilibria lead to symmetries: think of a planet taking on a spherical form. Unstable equilibria don't have this feature: the system breaks symmetry as it seeks an exit from the equilibrium. Since biological equilibria are dynamic and ultimately unstable, we shouldn't expect symmetric behavior. This shows up in physics as well in the form of spontaneous symmetry breaking.

Yours,
Seth

On Sat, Feb 25, 2017 at 6:12 AM, jeffrey E. <jeevacation@gmail.com> wrote:

I'll be in Santa Fe all week, anyone I should invite to ranch that you think cutting edge

--

please note

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 JEE

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