

From: "[REDACTED]" on behalf of Ben Goertzel <[REDACTED]>"

To: Jeffrey Epstein <jeevacation@gmail.com>

Subject: Mathematics of general intelligence

Date: Fri, 24 Apr 2009 21:38:16 +0000

Attachments: DefinitionOfIntelligence_v1.pdf

Hi Jeffrey,

I doubt you have time to read technical papers right now, but, bits are cheap, so I'm sending this anyway...

The attached is basically a prelude to the paper on "category theory and cognitive synergy" that I'm in the midst of writing.

It gives a rigorous mathematical answer to the question "What is general intelligence?"

Essentially, lacking funds to build the damn thinking machine of my design, I'm embarking on a research programme aimed at mathematically proving that my design will work. I reckon this would take about a year of full-time effort to make even a decent stab at it, so with part-time dedication it will likely take several years. It's also a financially irresponsible thing for me to be doing as I don't know where my income is coming from after June (as I mentioned to you, Novamente got a little \$\$ last month so I'm not broke yet) ... I should probably be doing something oriented toward bringing in revenue ... but, the pull of getting these ideas fleshed out and written up is just too strong...

I would of course like to talk to you about further funding for either my own personal math-of-AI work, or funding me to work with a team to actually implement my thinking machine. But if you're too busy right now I guess we will touch base later...

thanks
Ben

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Ben Goertzel, PhD
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Critical threshold: Being generally intelligent enough to be disappointed by one's own lack of general intelligence