

From: Ben Goertzel <[REDACTED]>

To: Jeffrey Epstein <jeevacation@gmail.com>

Subject: Preschool IQ Test Based Proposal

Date: Wed, 13 Feb 2013 02:05:15 +0000

Attachments: Epstein_Goertzel_IQ_Executive_Summary_Feb12_2013.pdf;
Preschool_IQ_Test_Overview.pdf; Using_Human_Child_IQ_Tests_For_Robots.pdf;
Epstein_Goertzel_IQ_Proposal_Feb_2013.pdf;
Epstein_Goertzel_IQ_proposal_budget.numbers.pdf;
Epstein_Goertzel_IQ_Timeline_Milestones.pdf;
Epstein_Goertzel_IQ_Proposal_Feb_2013(1).pdf

Hi Jeffrey,

Wow, I seem to have spent the last 12 hours studying preschool IQ tests !!! I think I got up from the computer only twice ;/ ...

It's Chinese New Year, so the staff on my various projects are on vacation, and I have a lot of time for solo thinking/reading/researching...

Attached find a revision of my recent proposal to you, which focuses on the WPPSI preschool IQ test and trying to get a robot to pass it

Also, the two documents attached *not* starting with "Epstein..." give useful background for you. One of them describes the standard preschool IQ test in moderate detail (with example questions); the other discusses some points regarding the use of this test to measure robot intelligence...

The "Timeline/Milestones" document, and the "Project Aims" section of the main Proposal document, are quite different from before.

The basic timing (2 years) and budget are the same as before. As with the prior proposal, the work is an extension of what my gov't funded HK time is already going to do.

The essential difference from the prior proposal is that the emotional/social intelligence that was a part of the focus there, has now been replaced with more focus on the intersection between vision and cognition, and on question answering based on information not present in the robot's environment.... From a fundamental AI perspective, I don't see this shift in focus as either better or worse. The emotional/social stuff will still need to get done eventually, but I don't really care whether visual/cognitive or emotional/social stuff gets done first. Both are important. David focuses more on emotional/social stuff, but the standard preschool IQ test focuses more on visual/cognitive stuff... There are also EQ tests for kids, alongside IQ tests, that could be interesting to explore at some point as well.... The EQ stuff could be done simultaneously with the IQ stuff, but that would require a third senior person, hence increase the cost by a factor of 1.4 or so...

Thanks for inspiring an interesting direction for exploration ;)

... ben

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"My humanity is a constant self-overcoming" -- Friedrich Nietzsche