
From: [REDACTED] on behalf of Ben Goertzel [REDACTED]
Sent: Monday, February 11, 2013 6:03 PM
To: Jeffrey Epstein
Subject: Re: why not have the machine take iq tests

Sure thing -- will do tomorrow or Wednesday, thanks ;)

On Mon, Feb 11, 2013 at 12:35 PM, Jeffrey Epstein <jeevacation@gmail.com> wrote:

> put toghetr a proposal

>

>

> On Mon, Feb 11, 2013 at 12:38 PM, Ben Goertzel [REDACTED] wrote:

>>

>> Yeah... the child IQ tests would be a reasonable research focus....

>> I can see that making an AGI pass these tests would be

>> attention-grabbing in the media, and also scientifically compelling

>> to a certain subset of the community.

>>

>> I'd have to find a child psychologist willing to actually share some

>> specific test questions; they are cagey about supplying them online

>> or in books for some reason... I guess they don't want parents to

>> coach their tots on the specific questions ;p But that wouldn't

>> be too hard.

>>

>> Selmer Bringsjord, at RPI, has done some work making robots pass

>> vision and movement oriented IQ tests

>>

>> <http://www.rpi.edu/dept/NewsComm/Magazine/dec02/atrensselaer/atrensse>

>> laer5.html

>>

>> [Selmer is an interesting guy btw.... He is a rather good AI

>> researcher, mathematician and cognitive scientist -- yet also a

>> pretty hard-core Christian, who believes human-level AGI is

>> impossible because computers and robots don't have souls !! The

>> capability of the human mind to maintain fundamental contradictions,

>> yet still reason logically in closely related areas, is pretty

>> impressive...]

>>

>> But Selmer is taking an approach of especially engineering and tuning

>> a system just to pass each specific test.... To me, that is not very

>> interesting.... It's like taking a really dumb kid and spending

>> hundreds of hours coaching the kid on specific sorts of IQ questions

>> that you know he is going to be asked. The child IQ tests could be a

>> good objective for an AGI research project, but only if pursued in

>> the right spirit...

>>

>> Well ... let me know if you want to fund me and David Hanson to work
>> on making one of his robots pass the child IQ tests ;-/ We
>> could put together a brief proposal in this direction fairly quickly I
>> would suppose. Robot-wise, this would actually just require a torso
>> with hands/arms and a head with eyes & ears; we wouldn't need to worry
>> about locomotion. AI-wise, it's basically the same stuff I'm trying
>> to get done anyway, just a slightly different focus and a clearer
>> evaluation mechanism...

>>

>> BTW I am back in the US again right now, due to a family emergency....
>> I could possibly come up to NY again later in the week if you want
>> to seriously pursue this possibility.... I'll probably be back in
>> Hong Kong by the weekend.

>>

>> thx ;)

>> ben

>>

>>

>> On Mon, Feb 11, 2013 at 11:00 AM, Jeffrey Epstein

>> <jeevacation@gmail.com>

>> wrote:

>>> it seems to me to be a more explicit well defined goal , you always

>>> ask

>>> what can i show you or others. I thinkg the ability to pass a
>>> number of iq tests for children, would provide focus if not

>>> insight

>>>

>>>

>>> On Mon, Feb 11, 2013 at 10:15 AM, Ben Goertzel [REDACTED] wrote:

>>>

>>>> Yeah, I have looked at this test before:

>>>

>>>

>>>

>>>> http://en.wikipedia.org/wiki/Wechsler_Preschool_and_Primary_Scale_of_Intelligence

>>>

>>>> Note that the test items often involve vision and action, not just

>>>> abstract puzzle solving...

>>>

>>>> Making an OpenCog system do well on this test would be a great

>>>> objective for a research project....

>>>

>>>> Or, even if that's not the explicit objective of the research, I

>>>> would imagine that after some more development is done, it will be

>>>> able to pass those tests automatically...

>>>

>>>> If an AI system first deals with these preschool/primary IQ

>>>> problems, and then moves on to the more advanced IQ problems --

>>>> THEN it will probably be able to deal with the more advanced IQ

>>>> problems in a more human-like, AGI-ish way, rather than just

>>> solving them using very specialized techniques...

>>>

>>> -- Ben

>>>

>>>

>>> On Mon, Feb 11, 2013 at 9:08 AM, Jeffrey Epstein

>>> <jeevacation@gmail.com>

>>> wrote:

>>> > even iq tests for children. there are enough differnt types of

>>> > tests making the sytem robust

>>>

>>> > On Mon, Feb 11, 2013 at 9:59 AM, Ben Goertzel [REDACTED]

>>> > wrote:

>>> >>

>>> >> Hi,

>>> >>

>>> >> That's certainly a natural question to ask...

>>> >>

>>> >> I think one could engineer a system to do really well on

>>> >> current written IQ tests, with a couple years' focused work by

>>> >> a small team...

>>> >>

>>> >> IQ tests are hard for people, because people do them using the

>>> >> same abilities they use to do other, more complex and useful tasks....

>>> >> But

>>> >> just as folks have engineered specialized systems for chess and

>>> >> Jeopardy, one could engineer a special system for IQ tests...

>>> >>

>>> >> For example, with rather modest effort, this group engineered a

>>> >> system that does well on specific portions of the standard IQ

>>> >> test

>>> >>

>>> >> <http://www.kurzweilai.net/computer-programs-that-ace-iq-tests>

>>> >>

>>> >> I believe a similar approach could be taken to each of the

>>> >> other portions of the IQ test.... Putting them together, one

>>> >> would then have a high-IQ AI system -- without much capability

>>> >> to do anything else...

>>> >>

>>> >> The tests used to measure intelligence of preschoolers are a

>>> >> bit more interesting to me, in the sense that they tend to

>>> >> involve intelligent engagement in the world, which is harder to

>>> >> "fake" ...

>>> >>

>>> >> The bottom line is, though, IQ tests are moderately effective

>>> >> for humans because they are designed to exploit particular

>>> >> features of the human mind. It's hard for humans to pass IQ

>>> >> questions without being pretty generally intelligent, but the

>>> >> same wouldn't necessarily be true for AI minds...

>>> >>

>>> >> -- Ben

>>> >>

>>>>>
>>>>>
>>>>> On Mon, Feb 11, 2013 at 6:53 AM, Jeffrey Epstein
>>>>> <jeevacation@gmail.com>
>>>>> wrote:
>>>>> <https://www.youtube.com/watch?v=229ehewjdUk>
>>>>>
>>>>> --
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>>>>> --
>>>>> Ben Goertzel, PhD
>>>>> [REDACTED]
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>>>>> "My humanity is a constant self-overcoming" -- Friedrich
>>>>> Nietzsche
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>>>> --
>>>> Ben Goertzel, PhD
>>>> [REDACTED]
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>>> "My humanity is a constant self-overcoming" -- Friedrich Nietzsche

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>> Ben Goertzel, PhD

>> [REDACTED]

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

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Ben Goertzel, PhD

[REDACTED]

"My humanity is a constant self-overcoming" -- Friedrich Nietzsche <?xml version="1.0" encoding="UTF-8"?><!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd"><plist version="1.0"><dict>

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<integer>0</integer>
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