
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 togethr 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 abiliity 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_](http://en.wikipedia.org/wiki/Wechsler_Preschool_and_Primary_Scale_of_Intelligence)
>> >> [of_Intelligence](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]
>> >> >>
>> >> >> "My humanity is a constant self-overcoming" -- Friedrich
>> >> >> Nietzsche
>> >> >>
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>> >> >> --
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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

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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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<key>date-last-viewed</key>
<integer>0</integer>
<key>date-received</key>
<integer>1360605800</integer>
<key>flags</key>
<integer>8590195713</integer>
<key>gmail-label-ids</key>
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    <integer>2</integer>
</array>
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<string>275521</string>
</dict>
</plist>
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