
From: [REDACTED] on behalf of Ben Goertzel <[REDACTED]
Sent: Monday, February 11, 2013 2:15 PM
To: Jeffrey Epstein
Subject: Re: why not have the machine take iq tests

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
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Ben Goertzel, PhD
<http://goertzel.org>

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