

7/8 (火)の講義

Can computers think?

Prof. David Avis @ 京大 + McGill Univ.

We will discuss this question by beginning with Alan Turing's historic paper in 1950 that started the field of artificial intelligence (AI).

This paper includes a test, now called the Turing test, in which a computer tries to convince humans that it is a human rather than a computer.

We will discuss this test and related competitions, including the famous Loebner prize, and claims that Eugene Goostman, a chatbot, passed the test on June 7, 2014. We will attempt our own Turing test during the last part of the lecture.

第十二回 追加課題

By Prof. David Avis

レポートについて

- レポートのファイルを添付し、メールで提出のこと
 - E-mail: algorithm2014@edu.jar.jp
 - サブジェクト「アルゴリズムとプログラム実践講座・レポート」
 - 学生証番号と名前は、メールの本文にも書いてください。
- 推奨環境など
 - 言語
 - 日本語 あるいは 英語

Prof. David Avis の Exercise

First read Turing's original 1950 paper.

Then write a short essay (about one page) that compares the test done in class with Turing's original idea. Points you may wish to address:

1. If the students guessed answers at random would the scores be significantly different?
2. How else does the test setup differ from Turing's?
3. .What would be a better way to organize the test?