

The Imitation Game – 2015

Academy Award for Best Adapted Screenplay

The film takes its name from the Turing test, that is a criterion for determining whether a machine is capable of thinking.

It was published by Alan Turing in the article *Computing machinery and intelligence*, which appeared in 1950 in the journal *Mind*. In the article Turing is inspired by a game, called the "imitation game".



A. M. Turing (1950) Computing Machinery and Intelligence.

COMPUTING MACHINERY AND INTEL

By A. M. Turing

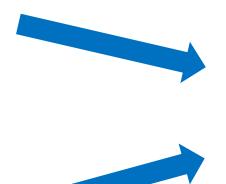
George Horace Gallup (1901–1984)
was an American pioneer of survey
sampling techniques and inventor
of the Gallup poll, a
successful statistical
method of survey sampling for
measuring public opinion.
(From Wikipedia)

1. The Imitation Game

I propose to consider the question, "Can machines think?" The definitions might be framed so as to reflect so far as possible the normal of the words, but this attitude is dangerous, If the meaning of the words "machine and "think" are to be found by examining how they are commonly used it is difficult to escape the conclusion that the meaning and the answer to the question, "Can machines think?" is to be sought in a statistical survey such as a Gallup poll. But this is absurd. Instead of attempting such a definition I shall replace the question by another, which is closely related to it and is expressed in relatively unambiguous words.

CAN MACHINES THINK?

MACHINES



COMMON USE?

THINK

absurd discourse

IMITATION GAME

Which is the man (X) / the woman (Y)?



B

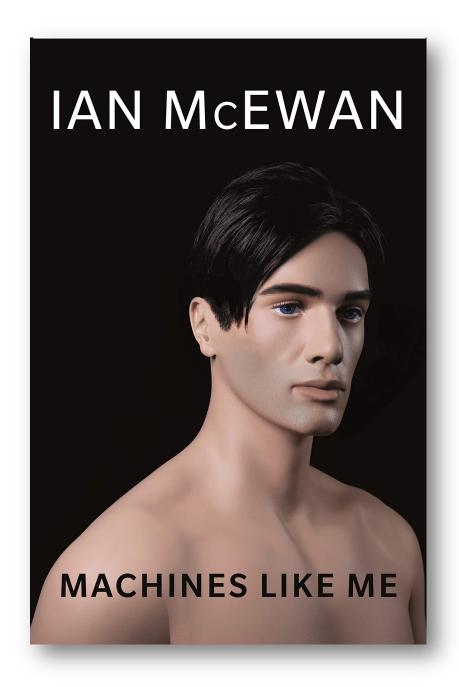
C AN INTERROGATOR

Augusta Ada Byron – Lady Lovelace (1815-1852)



"The Analytical Engine
has no pretensions
to originate anything.

It can do whatever we know
how to order it to perform"
(1842)



Alan Turing (1912-1954) was tried for homosexuality, changed two years of prison for chemical castration but then he committed suicide.

In McEwan's novel (2019) he is not tried and he does not commit suicide: he creates the first computer and in 1982 England had the first robots, the first intelligent machines completely similar to humans.