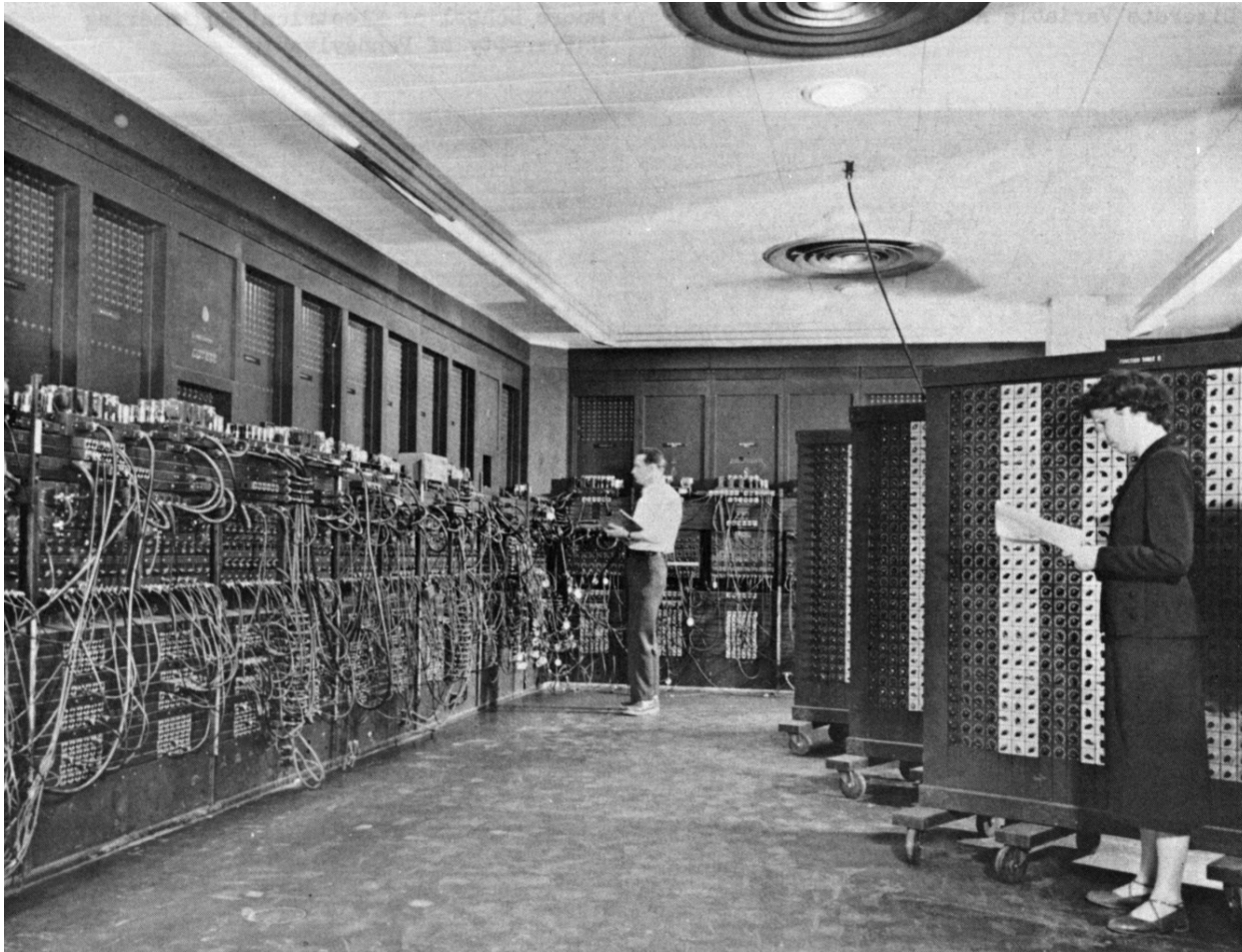


HISTORY

1946: ENIAC heralds the dawn of Computing



1950: Turing asks the question....



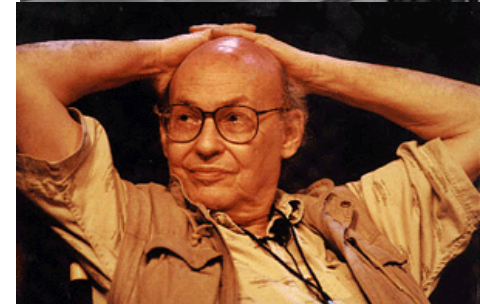
I propose to consider the question:

“Can machines think?”

--Alan Turing, 1950

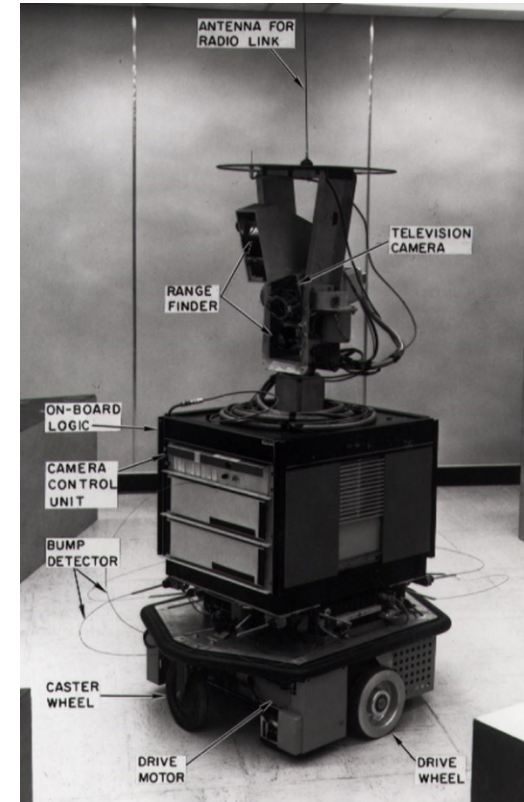
1956: A new field is born

- We propose that a 2 month, 10 man study of artificial intelligence be carried out during the summer of 1956 at Dartmouth College in Hanover, New Hampshire.
 - [Dartmouth AI Project Proposal](#); J. McCarthy et al.; Aug. 31, 1955.



1956-1966

- 1950: Turing Test for Machine Intelligence
- 1956: AI born at Dartmouth College Wrkshop
- 1964: Eliza – the chatbot psychotherapist
- 1966: Shakey – general purpose mobile robot



AI Winters

- 1974 – 1980: Winter #1
 - Failure of machine translation
 - Negative results in Neural nets
 - Poor speech understanding
- 1987 – 1993: Winter #2
 - Decline of LISP
 - Decline of specialized hardware for expert systems
- Lasting effects
 - [Economist07] “Artificial Intelligence is associated with systems that have all too often failed to live up to their promises.”
 - [Pittsburgh BT06] “Some believe the word 'robotics' actually carries a stigma that hurts a company's chances at funding.”

