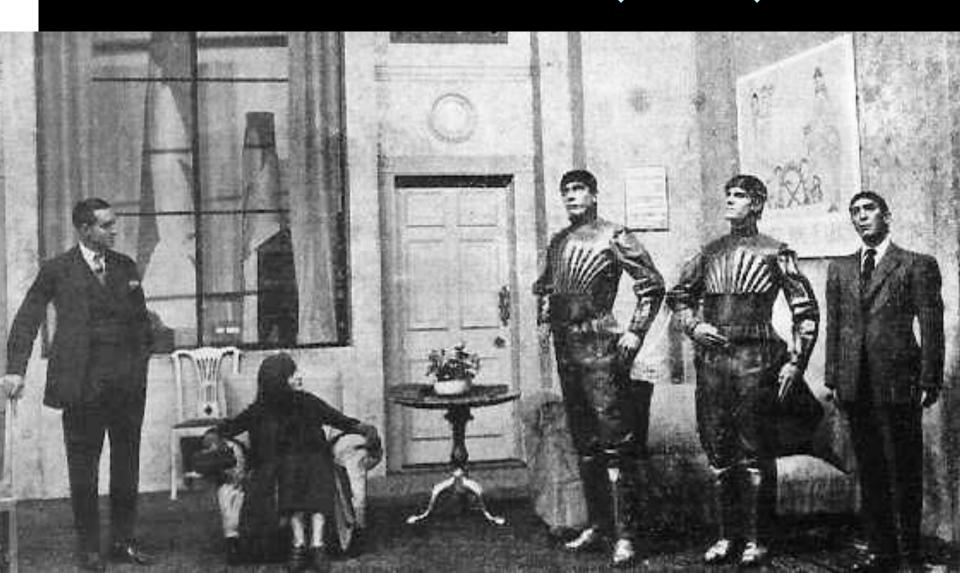
### LANGUAGE AND ARTIFICIAL INTELLIGENCE

#### Karel Čapek:Rossum's Universal Robots (1921)



# Computing Machinery and Intelligence

	MIND
	A QUARTERLY REVIEW
100	OF
PS	YCHOLOGY AND PHILOSOPHY
	EDITED BY
10000	PROF. GILBERT RYLE DIS CO-GUERATION OF PROF. SIR F. C. BARTLETT AND PROF. C. D. BROAD
Went to	IL CH-SPEERINGS OF PROF. SEE F. C. BARTLELLS AND TROP, C. D. BROWN
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A. M. Turing (1950) Computing Machinery and Intelligence. Mind 49: 433-460. **COMPUTING MACHINERY AND** INTELLIGENCE By A. M. Turing 1. The Imitation Game I propose to consider the question, "Can machines think?"

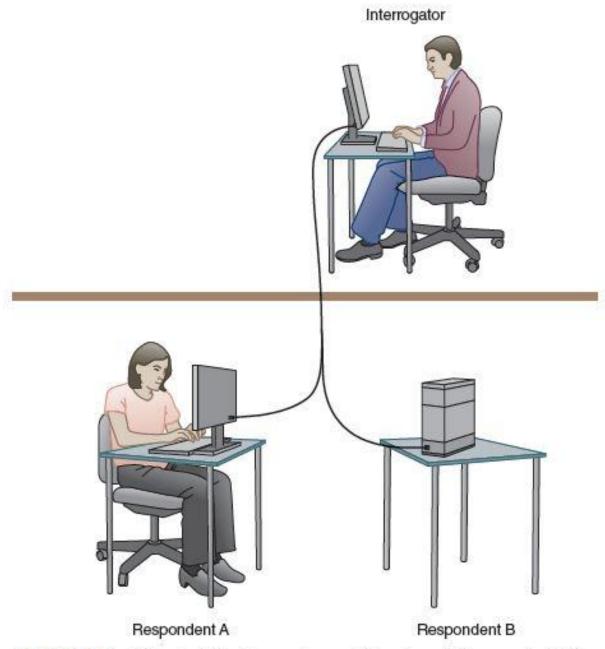
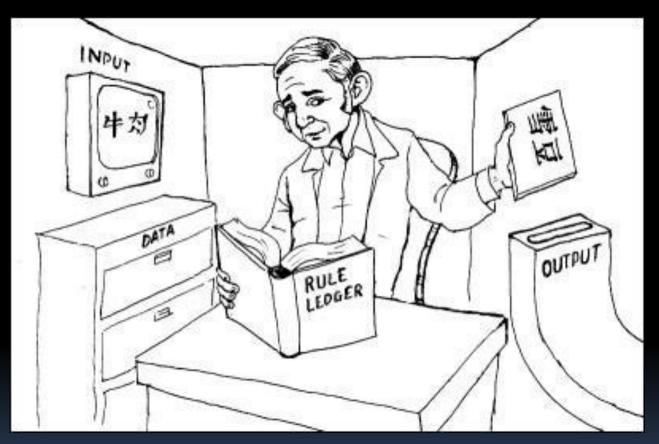


FIGURE 13.2 In a Turing test, the interrogator must determine which respondent is the computer and which is the human

The very essence of the Turing test.

# Can they, really? The Chinese room experiment



 Searle, John (1984), Minds, Brains and Science: The 1984 Reith Lectures, Harvard University Press

#### Nothing is as simple as it seems

In 2001 Stevan Harnad published his "What's Wrong and Right About Searle's Chinese Room Argument", in M.; Preston, J., Views into the Chinese Room: New Essays on Searle and Artificial Intelligence (Oxford University Press), where he famously quipped that the field of cognitive science ought to be redefined as "the ongoing research program of showing Searle's Chinese Room Argument to be false".

#### THINK!

THANKYOU.