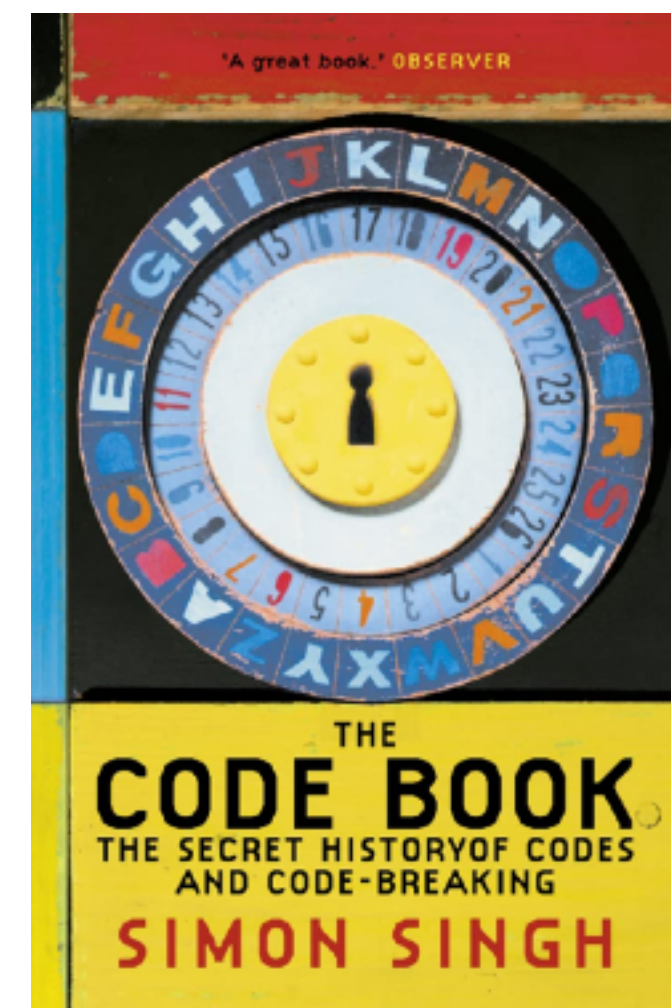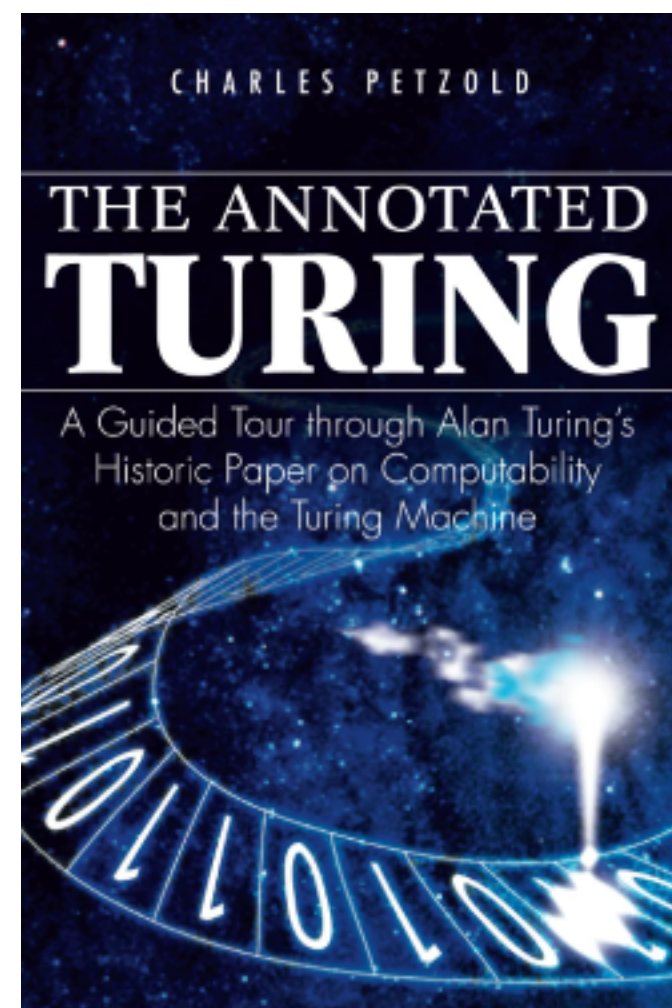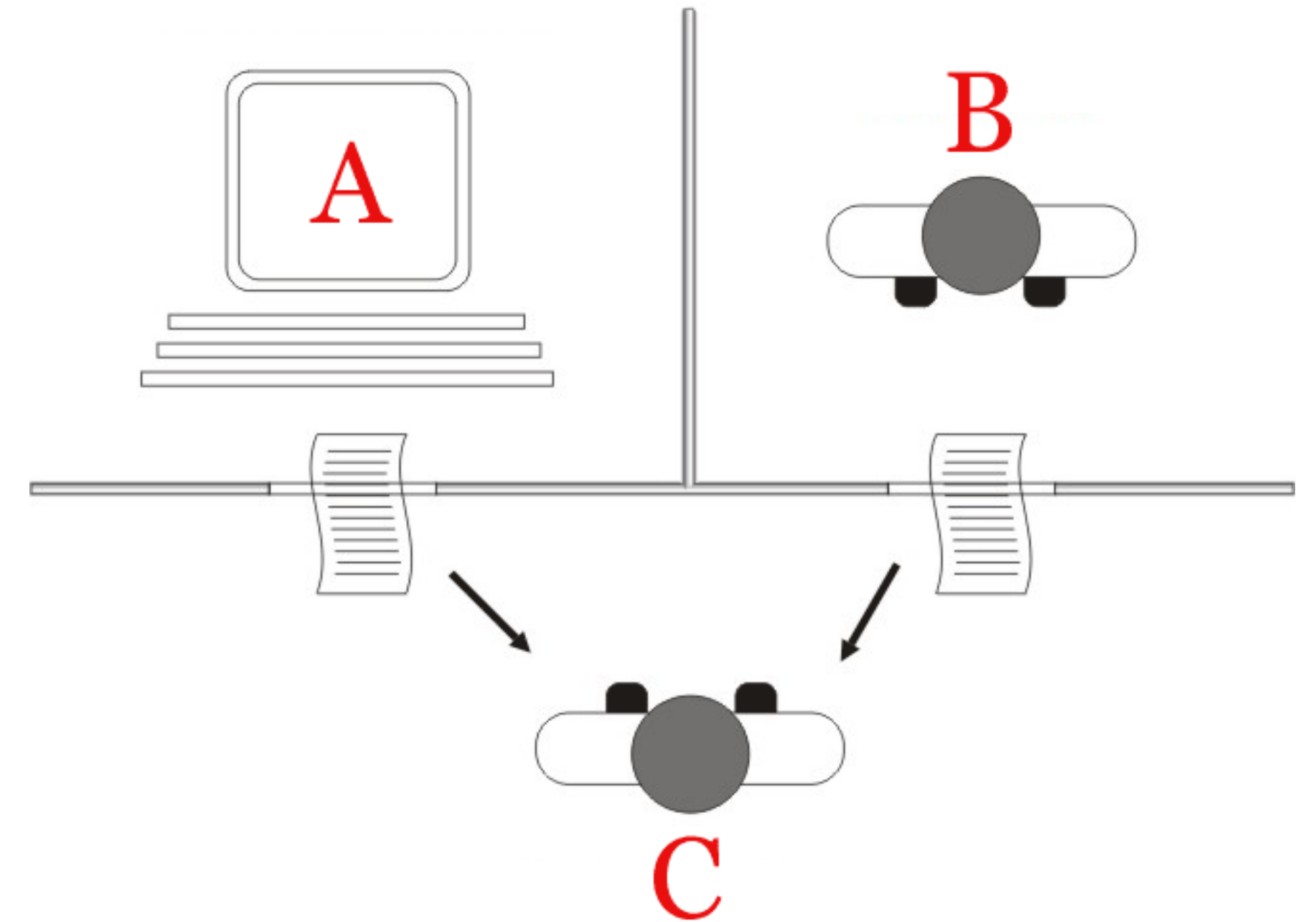# Alan Turing

A Turing Machine is a theoretical construct that captures the essence of abstract symbol manipulation, i.e. computing. This invention inspired the founding of Computer Science and started the discussion about the possibility of thinking machines.

CHARLES PETZOLD

THE ANNOTATED
TURING

A Guided Tour through Alan Turing's
Historic Paper on Computability
and the Turing Machine

'A great book.' OBSERVER

THE
CODE BOOK
THE SECRET HISTORY OF CODES
AND CODE-BREAKING
SIMON SINGH

The Turing Test (1950)

If a machine could carry on a conversation that was indistinguishable from a conversation with a human being, then it was reasonable to say that the machine was "thinking". This was the first serious proposal about how humanity might achieve artificial intelligence.

By Juan Alberto Sánchez Margallo - File:Test_de_Turing.jpg, CC BY 2.5

We'll conduct our own Turing Test later!