

Current Thoughts on the Brain-Computer Analogy – All Metaphors Are Wrong, But Some Are Useful



<https://frontiers.in/9Djz>

Keywords: Brain Evolution, Computer Science, Information Theory, Network Evolution, Neurobiology

Topic Editors:



Dr. Giorgio Matassi
Univ. Picardie J.Verne
EDYSAN-UMR7058, France



Prof. Pedro Martinez
University of Barcelona, Spain



Prof. Bud Mishra
New York University, USA

How are our ideas about the Brain evolving?

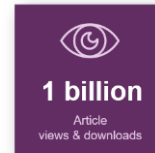
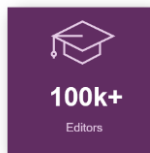
Back in 1950, Alan Turing wrote: "I PROPOSE to consider the question, 'Can machines think'? This should begin with definitions of the meaning of the terms 'machine' and 'think'"
The issue is still hotly debated to this day.

As Matthew Cobb puts it "... the very fact that this debate is taking place suggests that we may indeed be approaching the end of the computational metaphor (The Idea of the Brain, 2020).

In trying to understand what is usually regarded as the most complex structure in the Universe, the Brain, metaphors and analogies might prove fruitful for they enable scientists to be more creative.

Not everyone agrees.

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SPECIAL ISSUE 2021

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