

Review of: "Exploring the Boundaries of Behavioral Robotics: Understanding the Limitations of Psychokinesis"

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A short review on the article "Exploring the Boundaries of Behavioral Robotics: Understanding the Limitations of Psychokinesis », written by Adrian David Cheok and George Karolyi.

The authors ask whether some paranormal abilities of the human could be emulated by robots. They focus on PK-effects. I can see two questions that are surprisingly linked: 1) the question about the possibility of PK-effects and 2) the question about the possibility for robots of imitating the human behavior.

Question 1) relative to the possibility of PK-effects is very rigorously presented, both for the statistical methodology of its study and regarding some reported significant experimental results, by referring to serious experimental studies.

However, it is very surprising that question 2), which is a very general question raised in the field of artificial intelligence since Turing, focuses on paranormal phenomena. The present research in this field focuses on the simulation of general intelligence, which seemingly requires simulating (if possible) *much basic and common characteristics of human cognition and human intelligence*—like their situated and embodied aspects. Why focusing on rather "limit" aspects of cognition?

I think that this article needs much more explanation of the importance of the link made by the authors between these two questions in order to be of interest for the research in AI and robotics.

Yours sincerely,

Pierre Uzan