

Does Artificial Intelligence Exist? No, it doesn't!

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Does artificial intelligence exist? In my eyes there exists not one example for artificial intelligence. What is intelligence? Unfortunately Psychology does not provide us with a sound definition of this term, although since more than a hundred years psychologists try to develop systems to measure intelligence and the story of intelligence testing is considered as a story of success. Normally in intelligence testing subjects get a number of tiny tasks which they have to solve and intelligence is considered hence accordingly as a collection of abilities to solve such tasks.

Systems of artificial intelligence can solve such tiny tasks too, but they can solve "big" tasks additionally. They can play chess on grandmaster level, solve algorithmically not solvable problems as the 'travelling salesman'-problem, etc. But unfortunately the systems of artificial intelligence have no insight, why they solve such problems in the form they do. And therefore they cannot understand why it is better to solve one problem in this way, another one in a different way. To understand why I use a certain strategy opens the possibility to elaborate strategies or to change them or to abandon them. Without this insight a system could change strategies only by the criterion of success or failure. Certainly this criterion works, but in no ways it is the best one. I shall discuss, what insight means in this context and why insightful thinking is only possible by using natural language with its polysemie and metaphors and unlimited levels of reasoning about the characteristics of a lower order language.