

Is Artificial Intelligence Intelligent like Human?

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Introduction 1



A legendary chess automaton in 18th century created by Wolfgang von Kempelen.
He claimed it plays chess like human to impress Maria Theresa (1770).

The secret had been perfectly kept for more than 100 years.

Introduction 2



1996:	Deep Blue	Kasparov	even	even	Kasparov	Kasparov
1997:	Kasparov	Deep-Blue	even	even	even	Deep Blue

Introduction 3



Watson challenged 'Jeopardy - America's Favorite Quiz Show on TV (2011)
"Who is the 19th-century painter whose name means police officer?"

The final tally: Human so far champion \$24,000 while Watson \$77.147

Development 1



Turing Test: tests the ability to fool ordinary people, not foolish people, about whether the dialogue via teletype is with a human or with a computer.

Development 2

Legg & Hutter's definition From informal

“An **agent**'s ability to achieve **goals** in a wide range of **environments**.”

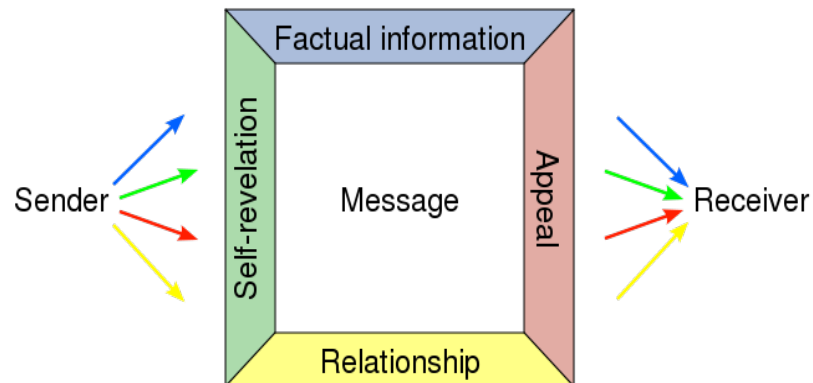
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to formal

$$\gamma(\pi) = \sum_{\mu \in E} 2^{-K(\mu)} \cdot V_{\mu}^{\pi}$$

Turn 1

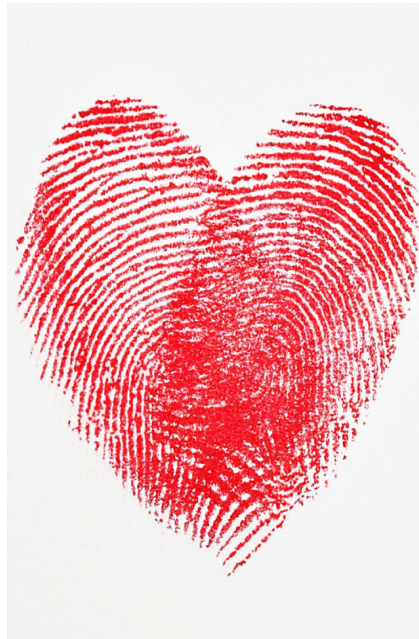
Four-sides model



The recipient of the message can understand it not as the sender wanted it to.

Turn 2

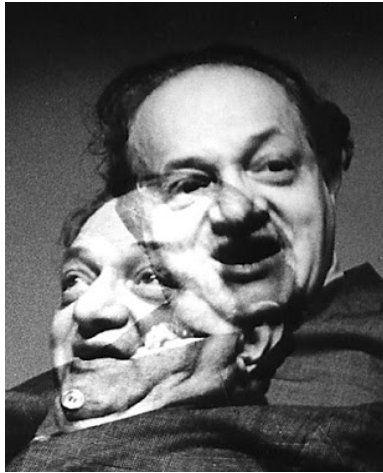
And what is love?



Love is a feeling peculiar to a person, a deep affection and aspiration to another person or object

Turn 3

Spontaneity



Development in a person of spontaneity and creativity is, according to the famous psychotherapist, philosopher and sociologist, creator of psychodrama - Jacob Levi Moreno - the goal of psychodrama.

Conclusion

Maureen Dowd(Pulitzer Prize-winning journalist)

"When I say about human levels, I'm talking about



emotional intelligence
ability to tell a joke
to be funny, romantic, sexy,...