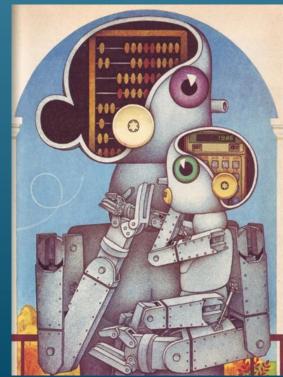


For EAC 234
By Prof. Lisette Boily





	Writing Context & SF Setting: the Near Futur
Ш	Story was originally published in 2004
	An AI doll article, sparked the writer's imagination (see the end of the story link)
	Two decades (20 years) after story's publication, there are currently even more advances in AI, making the SF speculative scenario seem even more 'current' & plausible/possible
	The story setting seems like it could be taking place 'today' except for some hints as to the near(ish) future setting (transoribtal shuttle, shuttle port, etc.)
	The near future is a very common and effective type of SF setting

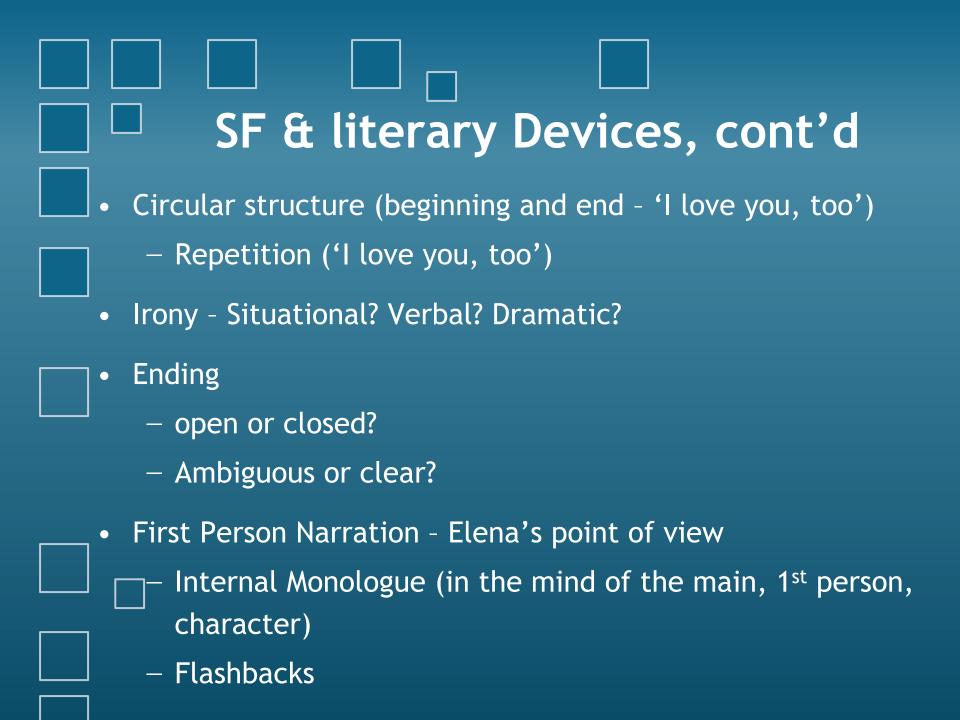
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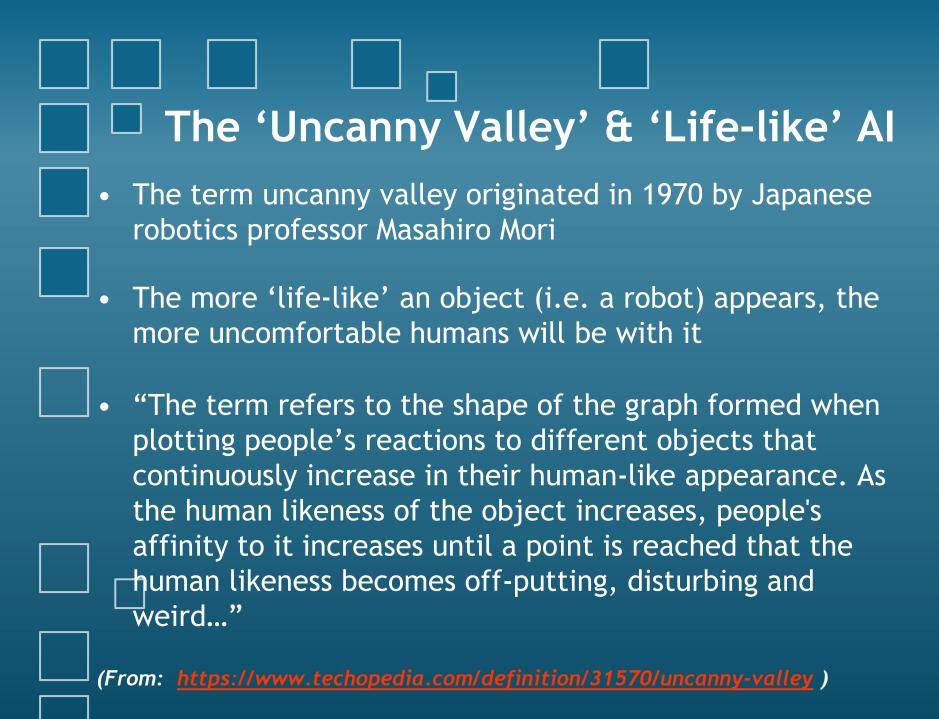
## Artificial Intelligence (AI) Artificial Intelligence (AI) is: • "a branch of computer science dealing with the simulation of intelligent behavior in computers" "the capability of a machine to imitate intelligent human behavior" com: /www.merriamwebster.com/dictionary/artificial%20intelligence

Algorithm - Definition
This story's title uses the computer science term 'algorithm' in an interesting way. First things first: definitions:
<ul> <li>An algorithm is:         <ul> <li>"The current term of choice for a problem-solving procedure, algorithm, is commonly used nowadays for the set of rules a machine (and especially a computer) follows to achieve a particular goal"</li> </ul> </li> </ul>
<ul> <li>"a procedure for solving a mathematical problem (as of finding the greatest common divisor) in a finite number of steps that frequently involves repetition of an operation"</li> <li>"a step-by-step procedure for solving a problem or accomplishing some end, especially by a computer"</li> </ul>
(From: http://www.merriam-webster.com/dictionary/algorithm)

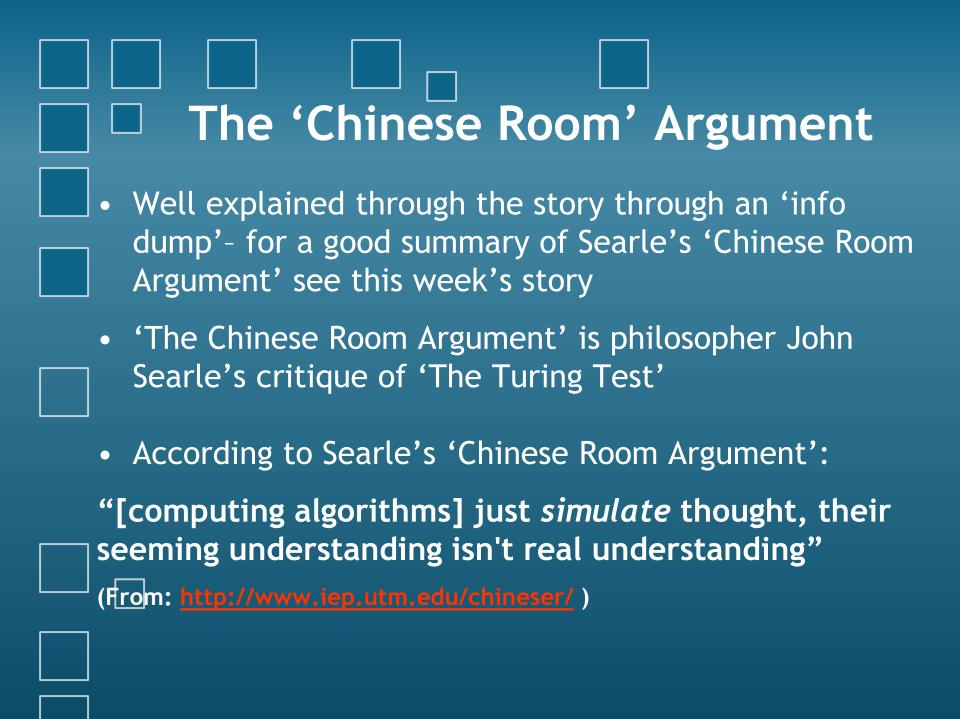
### SF Speculative Scenario The story's general SF speculative scenarios revolve around the Uncanny Valley, the Turing Test & the Chinese Room Argument (see later slides), to help us understand the specific speculative scenario The story's SPECIFIC speculative scenario explores: what if, while attempting to ease the loss of a human loved one (dead baby) by creating a 'replacement' artificial intelligence (AI doll), the creator started to question her own humanity i.e. whether or not the human brain is just a computer, an artificially intelligent set of algorithms? Slide 11 explores Deeper Issues related to the story's Speculative Scenario

## SF & literary Devices in the Story In medias res (see the beginning of the story) Title significance Four Core SF Concepts Invention & discovery / revelation are the most prevalent in the story, but we also see exploration (research) and transformation (change) Sentience & Artificial Intelligence Speculative Scenario (see slides 5 and 11) The Turing Test, The Uncanny Valley, The Chinese Room Argument (see later slides) Plot Conflicts (person vs. self, vs. person, vs. nature)





### The Turing Test & Al Partially explained through story info dumps Alan Turing was a mid 20th century British mathematician famous for many things, including 'The Turing Test': "Turing suggested the "imitation game," now known as the Turing test: a remote human interrogator, within a fixed time frame, must distinguish [if the subject being questioned is] a computer or a human ... based on [the subject's] replies to various questions posed by the interrogator. By means of a series of such tests, a computer's success at "thinking" can be measured by its probability of being misidentified as a human..." (From: https://www.britannica.com/technology/Turing-test)



Deeper Issues & Speculative Scenario
Title Significance & Speculative Scenario - juxtaposition of two unlike terms (algorithm & love)  — Is love just another type of algorithm?  — Are human minds basically computers?
The most ironic and telling quote in the story: Brad says to Elena: "you're letting philosophy get in the way of reality" (Liu)  - Who is correct here - Brad or Elena? How and Why?  - Is Elena's psychological trauma causing her to incorrectly compare the human brain to artificial intelligence? Ordoes she raise an interesting speculative possibility?
The most paradoxical yet possibly enlightening quote in the story: "The watchmaker was the watch" (Liu).  - What does this mean and how is it relevant to the story and its speculative scenario?

An Important Final Note about Academic Integrity
You are not required to, or supposed to 'research' the internet (outside of course lesson material) or use generative Ai tools for ideas about our assigned short storiesbut if you do:  - Make sure you quote and cite any and all external sources, INCLUDING any use of generative Ai (see how to cite this in each module)
<ul> <li>Try engaging what the internet source 'said' about the story—what does it mean, do you agree or disagree, etc.?</li> </ul>
<ul> <li>Always highlight YOUR OWN ideas about any story we cover in the course—if you are confused about a story, it's okay to say so (asking questions and highlighting what is not understood are the best ways to learn something new!)</li> </ul>
Depending on the amount and severity of the uncited material (plagiarism), a reduced grade, a zero grade, a zero grade and a comment on the student's transcript can result

# THE END

