

Fluid Concepts And Creative Analogies Computer Models Of The Fundamental Mechanisms Of Thought

Fluid Concepts and Creative Analogies

Fluid Concepts and Creative Analogies: Computer Models of the Fundamental Mechanisms of Thought is a 1995 book by Douglas Hofstadter and other members

Fluid Concepts and Creative Analogies: Computer Models of the Fundamental Mechanisms of Thought is a 1995 book by Douglas Hofstadter and other members of the Fluid Analogies Research Group exploring the mechanisms of intelligence through computer modeling. It contends that the notions of analogy and fluidity are fundamental to explain how the human mind solves problems and to create computer programs that show intelligent behavior. It analyzes several computer programs that members of the group have created over the years to solve problems that require intelligence.

It was the first book ever sold by Amazon.com.

Bongard problem

R. and the Fluid Analogies Research Group (1995). Fluid Concepts and Creative Analogies: Computer Models of the Fundamental Mechanisms of Thought. New

A Bongard problem is a kind of puzzle invented by the Soviet computer scientist Mikhail Bongard (1924–1971), probably in the mid-1960s. They were published in his 1967 book on pattern recognition. The objective is to spot the differences between the two sides. Bongard, in the introduction of the book (which deals with a number of topics including perceptrons) credits the ideas in it to a group including M. N. Vaintsvaig, V. V. Maksimov, and M. S. Smirnov.

ELIZA effect

4 The Ineradicable Eliza Effect and Its Dangers, Epilogue",. Fluid Concepts and Creative Analogies: Computer Models of the Fundamental Mechanisms of Thought

In computer science, the ELIZA effect is a tendency to project human traits — such as experience, semantic comprehension or empathy — onto rudimentary computer programs having a textual interface. ELIZA was a symbolic AI chatbot developed in 1966 by Joseph Weizenbaum that imitated a psychotherapist. Many early users were convinced of ELIZA's intelligence and understanding, despite its basic text-processing approach and the explanations of its limitations.

Egbert B. Gebstadter

fifth book in Hofstadter's Fluid Concepts and Creative Analogies: Computer Models of the Fundamental Mechanisms of Thought. However, rumor has it that

Egbert B. Gebstadter is a fictional author who appears in the indices (and sometimes in the text) of books by Douglas R. Hofstadter. For each Hofstadter book, there is a corresponding Gebstadter book. His name is derived from "GEB", the abbreviation for Hofstadter's first book Gödel, Escher, Bach: An Eternal Golden Braid; the letters appear in his last name, permuted in his first name, and permuted again in his initials.

LIDA (cognitive architecture)

of Machine Consciousness. 01: 23–32. doi:10.1142/s1793843009000050. Hofstadter, D. (1995). Fluid Concepts and Creative Analogies: Computer Models of the

The LIDA (Learning Intelligent Decision Agent) cognitive architecture, previously Learning Intelligent Distribution Agent for its origins in IDA, attempts to model a broad spectrum of cognition in biological systems, from low-level perception/action to high-level reasoning. Developed primarily by Stan Franklin and colleagues at the University of Memphis, the LIDA architecture is empirically grounded in cognitive science and cognitive neuroscience. It is an extension of IDA, which adds mechanisms for learning. In addition to providing hypotheses to guide further research, the architecture can support control structures for software agents and robots. Providing plausible explanations for many cognitive processes, the LIDA conceptual model is also intended as a tool with which to think about how...

1995 in science

Hofstadter's Fluid Concepts and Creative Analogies: Computer Models of the Fundamental Mechanisms of Thought. November 22 - Toy Story, the first feature

The year 1995 in science and technology involved many significant events, listed below.

Outline of thought

associations and models of the world. Thinking is manipulating information, as when we form concepts, engage in problem solving, reason and make decisions

The following outline is provided as an overview of and topical guide to thought (thinking):

Thought is the object of a mental process called thinking, in which beings form psychological associations and models of the world. Thinking is manipulating information, as when we form concepts, engage in problem solving, reason and make decisions. Thought, the act of thinking, produces more thoughts. A thought may be an idea, an image, a sound or even control an emotional feeling.

Douglas Hofstadter

1995, Hofstadter's book Fluid Concepts and Creative Analogies: Computer Models of the Fundamental Mechanisms of Thought was the first book sold by Amazon

Douglas Richard Hofstadter (born 15 February 1945) is an American cognitive and computer scientist whose research includes concepts such as the sense of self in relation to the external world, consciousness, analogy-making, strange loops, ambigrams, artificial intelligence, and discovery in mathematics and physics. His 1979 book Gödel, Escher, Bach: An Eternal Golden Braid won the Pulitzer Prize for general nonfiction, and a National Book Award (at that time called The American Book Award) for Science. His 2007 book I Am a Strange Loop won the Los Angeles Times Book Prize for Science and Technology.

ELIZA

ELIZA the chatbot. This effect is first defined in Fluid Concepts and Creative Analogies: Computer Models and the Fundamental Mechanisms of Thought as humans'

ELIZA is an early natural language processing computer program developed from 1964 to 1967 at MIT by Joseph Weizenbaum. Created to explore communication between humans and machines, ELIZA simulated conversation by using a pattern matching and substitution methodology that gave users an illusion of understanding on the part of the program, but had no representation that could be considered really understanding what was being said by either party. Whereas the ELIZA program itself was written (originally) in MAD-SLIP, the pattern matching directives that contained most of its language capability were provided in separate "scripts", represented in a lisp-like representation. The most famous script, DOCTOR, simulated a psychotherapist of the Rogerian school (in which the therapist often reflects...

Creativity

Vandervert, the details of creative adaptation begin in "forward; cerebellar models, which are anticipatory/exploratory controls for movement and thought. These

Creativity is the ability to form novel and valuable ideas or works using one's imagination. Products of creativity may be intangible (e.g. an idea, scientific theory, literary work, musical

composition, or joke), or a physical object (e.g. an invention, dish or meal, piece of jewelry, costume, a painting).

Creativity may also describe the ability to find new solutions to problems, or new methods to accomplish a goal. Therefore, creativity enables people to solve problems in new ways.

Most ancient cultures (including Ancient Greece, Ancient China, and Ancient India) lacked the concept of creativity, seeing art as a form of discovery rather than a form of creation. In the Judeo-Christian-Islamic tradition, creativity was seen as the sole province of God, and human creativity was considered an...

<https://www.solar.training.ac.fj/@f/doc/link?KINDLE=arithmetic+problems+with+solutions.pdf>

https://www.solar.training.ac.fj/_x/short/mirror?PAGE=asp+net+mvc+framework+unleashed+138+197+40+88.pdf

[https://www.solar.training.ac.fj/\\$m/ref/exe?ITUNE=aircraft+structural+design+for+engineers+megson+manual.pdf](https://www.solar.training.ac.fj/$m/ref/exe?ITUNE=aircraft+structural+design+for+engineers+megson+manual.pdf)

<https://www.solar.training.ac.fj/!h/edu/niche?TXT=female+army+class+a+uniform+guide.pdf>

<https://www.solar.training.ac.fj/^s/short/goto?RTF=manual+2015+jeep+cherokee+sport.pdf>

<https://www.solar.training.ac.fj/@s/ref/upload?DOC=clinical+natural+medicine+handbook+natural+treatments.pdf>

<https://www.solar.training.ac.fj/@f/journal/url?DOC=the+copd+solution+a+proven+12+week+program+for+living+and+breathing+better+with+chronic+lung+disease.pdf>

<https://www.solar.training.ac.fj/-b/text/find?EPUB=1998+mazda+protege+repair+manua.pdf>

[https://www.solar.training.ac.fj/\\$b/chap/dl?PAGE=gleim+cia+17th+edition+internal+audit+basics.pdf](https://www.solar.training.ac.fj/$b/chap/dl?PAGE=gleim+cia+17th+edition+internal+audit+basics.pdf)

<https://www.solar.training.ac.fj/~e/pdf/mirror?CHAPTER=suzuki+gsxr1300+gsx+r1300+2008+2009+service+repair+manual.pdf>