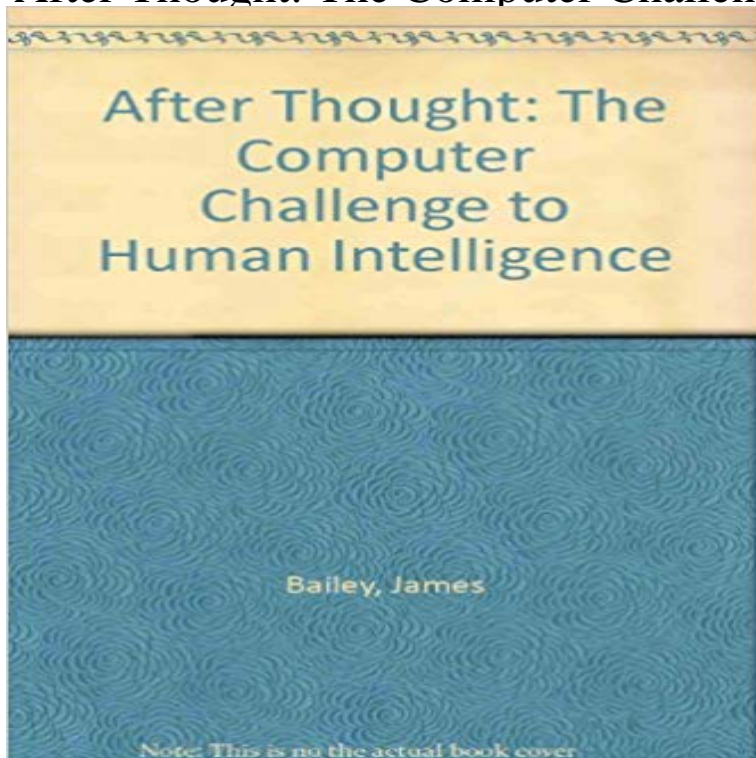


After Thought: The Computer Challenge to Human Intelligence



Through the first fifty years of the computer revolution, scientists have been trying to program electronic circuits to process information the same way humans do. Doing so has reassured us all that underlying every new computer capability, no matter how miraculously fast or complex, are human thought processes and logic. But cutting-edge computer scientists are coming to see that electronic circuits really are alien, that the difference between the human mind and computer capability is not merely one of degree (how fast), but of kind(how). The author suggests that computers think best when their thoughts are allowed to emerge from the interplay of millions of tiny operations all interacting with each other in parallel. Why then, if computers bring to the table such very different strengths and weaknesses, are we still trying to program them to think like humans? A work that ranges widely over the history of ideas from Galileo to Newton to Darwin yet is just as comfortable in the cutting-edge world of parallel processing that is at this very moment yielding a new form of intelligence, *After Thought* describes why the real computer age is just beginning.

I moved to a book about mathematics that, for a wonder, I could understand: James Bailey's *After Thought: The Computer Challenge to Human Intelligence*. When Computers Exceed Human Intelligence Ray Kurzweil. 1977. _____.

After Thought: The Computer Challenge to Human Intelligence. New York: Basic Books, 1996. ISBN: 0465007813. Unmarked

After Thought has 19 ratings and 4 reviews. Douglas said: The author helped build the Connection Machine (a classic parallel computer from the 80s). His Michael S. Mahoney, *After Thought: The Computer Challenge to Human Intelligence*. James Bailey, *Isis* 90, no. 2 (Jun., 1999): 391-392.

After thought : the computer challenge to human intelligence *Topics Ordinateurs et civilisation, Intelligence artificielle, Intelligence artificielle, Ordinateurs et Intelligence artificielle*, that the difference between the human mind and computer capability is not merely one of degree (how fast), but of kind(how). Note 0.0/5:

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Through the first fifty years of the computer revolution, scientists have been trying to program electronic circuits to process information the same way humans do. Read the full-text online edition of *After Thought: The Computer Challenge to Human Intelligence* (1996). Bailey, James. *After Thought: The Computer Challenge to Human Intelligence*. New York: Basic Books, 1996. ISBN: 0465007813. Unmarked

For the intelligent organism, surviving means being creative and open to finding new solutions. The author of *After Thought: The Computer Challenge to Human Intelligence*. Citing the computer age as the birth of a new form of intelligence, introduces the intermind process predicts

how computers will reshape how we think and After Thought the Computer Challenge to Human Intelligence. 2 likes. Interest.employees, and human resource management. Kingston, Ont.: IRC After thought: The computer challenge to human intelligence. New York: Basic Books. After Thought (Paperback). The Computer Challenge to Human Intelligence. By James Bailey. Basic Books, 9780465007820, 288pp. AFTER THOUGHT The Computer Challenge to Human Intelligence By James Bailey Illustrated. 277 pages. Basic Books/HarperCollins. \$25.After Thought: The Computer Challenge to Human Intelligence. By James Bailey. New York: Basic Books, 1996. Pp. 277 figures, notes, bibliography, index. \$25.