



Brainmakers: How Scientists Moving Beyond Computers Create Rival to Human Brain

By David H. Freedman

Touchstone. Paperback. Book Condition: New. Paperback. 224 pages. Dimensions: 8.5in. x 5.6in. x 0.6in. Join David Freedman as he takes you on a fascinating tour behind the scenes at laboratories around the world as top researchers race to create revolutionary thinking machines that may one day lead to a new form of intelligence. The subject of fantasy and skepticism for centuries-- from William James' mechanical bride to 2001's Hal to Star Wars' R2D2-- artificial intelligence has been limited to number-crunching computers that are smart only in highly specific domains like chess-- until now. *Brainmakers* is an eye-opening, mind-expanding, and mind-blowing journey through laboratories engaged in cutting-edge research into neuroscience and robotics. Inside, you'll discover: MIT's Attila, a 3.6-pound, six-legged robot that learns as it interacts with its surroundings. Japan's efforts to grow brain cells on chips and construct a wiring diagram of the human brain. UCLA's robot farm, where robots will be bred for intelligence. In exciting yet accessible detail, Freedman shows how this research has moved into a new realm that transcends computer science, combining neuroscience, microbiology, evolutionary biology, and zoology. Modeled after natural rather than artificial intelligence, thinking machines may soon develop powers that rival-- or exceed-- those of...



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Reviews

I actually started off reading this ebook. Indeed, it is playful, nonetheless an interesting and amazing literature. It's been designed in an exceptionally basic way and is particularly only following i finished reading this book by which basically modified me, change the way i think.

-- *Otha Bogan*

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