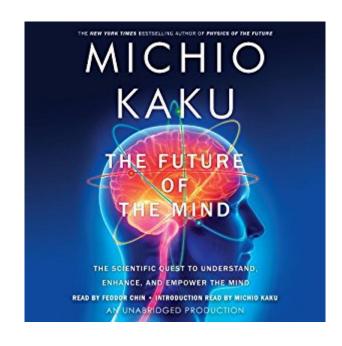
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The Future Of The Mind: The Scientific Quest To Understand, Enhance, And Empower The Mind





Synopsis

The New York Times best-selling author of Physics of the Impossible, Physics of the Future and Hyperspace tackles the most fascinating and complex object in the known universe: the human brain. For the first time in history, the secrets of the living brain are being revealed by a battery of high-tech brain scans devised by physicists. Now what was once solely the province of science fiction has become a startling reality. Recording memories, telepathy, videotaping our dreams, mind control, avatars, and telekinesis are not only possible; they already exist. The Future of the Mind gives us an authoritative and compelling look at the astonishing research being done in top laboratories around the world - all based on the latest advancements in neuroscience and physics. One day we might have a "smart pill" that can enhance our cognition; be able to upload our brain to a computer, neuron for neuron; send thoughts and emotions around the world on a "brain-net"; control computers and robots with our mind; push the very limits of immortality; and perhaps even send our consciousness across the universe. Dr. Kaku takes us on a grand tour of what the future might hold, giving us not only a solid sense of how the brain functions but also how these technologies will change our daily lives. He even presents a radically new way to think about "consciousness" and applies it to provide fresh insight into mental illness, artificial intelligence and alien consciousness. With Dr. Kaku's deep understanding of modern science and keen eye for future developments, The Future of the Mind is a scientific tour de force - an extraordinary, mind-boggling exploration of the frontiers of neuroscience.

Book Information

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Customer Reviews

Short Review: Interested in getting current with state of the art neuroscience and some philosophical discussions about our brain and consciousness? If so, read this approachable and easy-to-understand book!Longer Review:Michio Kaku is a theoretical physicist with a knack for explaining difficult concepts with simple analogies and clear descriptions. I've been a fan for some years now, and I thoroughly enjoyed Physics of the Impossible, Parallel Worlds, and Hyperspace. I was a bit surprised when I heard that Kaku was extending a bit outside his theoretical physics wheelhouse to write a book about the brain - but I'm very glad I decided to give this one a read. After reading this book I feel like I'm much more up to date with where we currently stand when it comes to state-of-the-art neuroscience. Kaku stresses greatly the avalanche of modern neuroscience progress that was triggered by widespread use of MRI technology starting in the 90s, and this new information is forcing us to confront and redevelop longstanding ideas regarding our brains. A discussion of the various technological developments unlocking this new information leads into some philosophical discussion of consciousness and what makes us 'human'. The bulk of the remainder of The Future of the Mind is focused on how the increase in brain-technology will affect the world, including discussions of telepathy, telekinesis, memory implants, memory recording, potential mental illness cures, brain enhancement, and mind reading. He also discusses different 'types' of consciousness including things like the consciousness of robots and the potential consciousness of alien life forms.

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