



WCU Book Review: Michio Kaku Physics of the Future

This book takes you on a journey of enormous expectations in the next 100 years of the advancements in technologies. Michio

Kakuthe interpretation of the future is fundamentally based on interviews with more than 300 top scientists. A few interesting caveat about this book is that prototypes of all

Additional Information About the Book:

Title: Michio Kaku Physics of the Future

Author: Michio Kaku

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technologies mentioned in the book already exist and that the book is written by an “insider” who has firsthand looked at the technologies that are on the cutting edge of research. Every scientific development mentioned in the book is consistent with known laws of physics. The breakdown and buildup of each farfetched prediction is explained in a way that enables you to crawl with the current technologies, walk with advancements that are in the near future, and run with technologies that out

of your latest sci-fi movies. The future, in which Michio Kaku portrays, is almost systematically inevitable in which society, the environment, and we will be engulfed in technology. This book depicts the next 100 years advancements in medicine, computers, artificial intelligence, nanotechnology, energy production, and astronautics.

By 2100, the monitor that we see now will be obsolete, imagine using any surface as a monitor for accessing spreadsheets and surfing the web. Wallpaper will be made up of computer chips with the ability to view and access the internet.

The military has played a significant role in the shape of our future. By stimulating experiments for prize contracts, the military has initiated technological breakthroughs in self-driving cars to regeneration of limbs.

Using molecular medicine, scientists will be able to grow almost every organ of the body and cure genetic diseases. Smart medicine will be able to fight cancer without any harmful side effects. Advancements in genetic research will enable us to slow down or maybe even reverse the aging process, increasing the human life spans dramatically. Home handheld MRI scanners will allow home diagnoses of major health issues.

Kakuthe also discusses robots that can decipher

common sense and the use of robots, which will be controlled by a human mind, to explore hazardous environments. We also will be infused with robotics; in the future some people we live their lives as the perfect robot while their bodies age and decay. Superhero feats will be a thing of everyday occurrence, Kakuthe explains how x-ray vision, telekinesis, and the creation of an object just via thoughts will be possible.

With great power comes great responsibility, I think that’s from one of the Spiderman movies however, Michio Kaku explains the possible type of civilians as a whole will turn out to be. Will we become a Type III civilization that is able to explore many different galaxies? Or will we be a type III civilization that destroys and consumes endlessly.

Michio Kaku provides tremendous awareness on the almost unlimited power of technology while also providing insight on the direction this technology will be moving towards. With technological advancements opportunity for entrepreneurs to capitalize on and influence is also prevalent. With so many opportunities for civilization improvements, I look forward to seeing some of the ground breaking achievements in science.