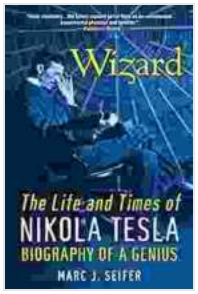
Wizard: The Life and Times of Nikola Tesla

Nikola Tesla was a Serbian-American inventor, electrical engineer, mechanical engineer, and futurist who is best known for his contributions to the design of the modern alternating current (AC) electrical system. Tesla's inventions and theoretical work also formed the basis of modern wireless communication and radio.

Tesla was born in Smiljan, Austrian Empire (present-day Croatia),on July 10, 1856. He showed an early aptitude for mathematics and physics, and he enrolled in the Royal Polytechnic Institute in Graz, Austria, in 1875. Tesla graduated in 1878 with a degree in electrical engineering.



Wizard:: The Life and Times of Nikola Tesla by Marc J. Seifer

4.5 out of 5

Language	: English
File size	: 5991 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
X-Ray	: Enabled
Word Wise	: Enabled
Print length	: 580 pages
Lending	: Enabled

After graduating, Tesla worked for a number of companies in Europe, including the Edison Machine Works in Paris. In 1884, he immigrated to the United States and joined the Edison Machine Works in New York City. Tesla

quickly became one of Edison's top engineers, but he soon grew disillusioned with Edison's direct current (DC) electrical system.

Tesla believed that AC was a more efficient and versatile electrical system than DC. In 1887, he left Edison's company and founded his own company, the Tesla Electric Company. Tesla's AC system was soon adopted by a number of companies, including Westinghouse Electric.

In 1893, Tesla delivered a lecture at the World's Columbian Exposition in Chicago. The lecture, which was titled "Experiments with Alternate Currents of High Potential and High Frequency," was a major breakthrough in the development of AC electrical systems.

Tesla's work on AC electrical systems earned him a reputation as one of the world's leading electrical engineers. He was awarded the Nobel Prize in Physics in 1912, along with Guglielmo Marconi.

Tesla was a prolific inventor, and he held over 300 patents. His inventions included the Tesla coil, the fluorescent lamp, and the induction motor.

Tesla died in New York City on January 7, 1943. He was 86 years old.

Tesla was a brilliant inventor and engineer. His work on AC electrical systems revolutionized the way that electricity is used in the world. He is considered to be one of the most important figures in the history of science and technology.

Legacy

Tesla's legacy is immense. His work on AC electrical systems is used in every home and business in the world. His inventions have also had a

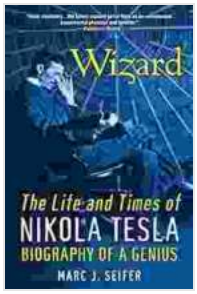
major impact on the development of wireless communication and radio.

Tesla is still considered to be one of the world's greatest inventors. He is a role model for scientists and engineers around the world.

Alternate Image Tag

Nikola Tesla, a Serbian-American inventor, electrical engineer, mechanical engineer, and futurist, is widely recognized for his contributions to the modern alternating current (AC) electrical system.

Tesla's inventions and theoretical work also formed the foundation of modern wireless communication and radio. Tesla's legacy continues to inspire scientists and engineers worldwide, solidifying his status as one of the most influential figures in the history of science and technology.



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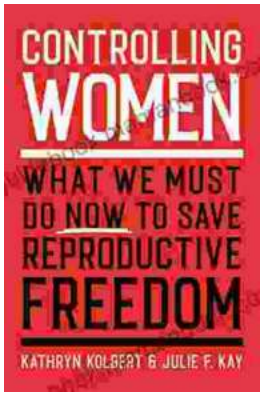

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