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A New System Of Alternating Current Motors And Transformers And Other Essays



Synopsis

Nikola Tesla was a genius who revolutionized how the world looks at electricity. During college his professors explained that it was impossible to design an engine without commutators or brushes. Tesla was unconvinced that such was necessary or even particularly desirable. It was then that Tesla began his work on the rotating field motor that ultimately gave birth to the modern age. In May of 1888, Tesla delivered his lecture "A New System of Alternating Current Motors and Transformers" before The American Institute of Electrical Engineers and the world has never been the same.

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Customer Reviews

Anything about Nichola Tesla is good. Every book has something to offer. Just don't overpay, because most books are very partial collections. I have spent \$200 to get as much as I can find and that is.... so far. I am thinking of summarizing all the information from 20 or so books to make a small encyclopedia of Tesla to make his information more available.

If you want to understand what Nikola Tesla really created this is the book for you. But only if you understand what alternating current generators and motors do. Tesla excites people in that it always seems like he put it to the man (Edison), but the reality is that he designed the process for alternating current power grid we have today. And the principles are quite simple. On the other hand, Edison quickly adapted to the needs of the AC technology and was able to develop the step down transformer and the developed the natural resources to build the transformers. Tesla by the 1900s was lost in OCD. As to radio transmission, Tesla was able to use existing resources to design simple radio transmission, but it took Lee DeForest to create the modern radio systems using vacuum tubes. But Tesla's work was definitely the first item after Hertz's work.

Nicolas Tesla was one of the greatest minds that ever lived. It amazes me that so many books have been written about his inventions and patents have been granted to others which acknowledge aspects are based on Tesla's ideas yet the world is still denied unlimited, low cost, environmental friendly energy. The book often tended into the expected Tesla ramblings, complaints and paranoia for which he is remembered.

Could have been an interesting book, but it refers to drawings and pictures none of which are present. Understanding the by itself is tough.

Love Tesla and you simply cannot go wrong reading material about him and his experiments.

Definitely a read for engineers, but Tesla writes succinctly.

no real science here, a lot of fluff not much content!

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