



History of Wireless

T. K. Sarkar, Robert Mailloux, Arthur A. Oliner, M. Salazar-Palma, Dipak L. Sengupta

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History of Wireless T. K. Sarkar, Robert Mailloux, Arthur A. Oliner, M. Salazar-Palma, Dipak L. Sengupta **Important new insights into how various components and systems evolved**

Premised on the idea that one cannot know a science without knowing its history, *History of Wireless* offers a lively new treatment that introduces previously unacknowledged pioneers and developments, setting a new standard for understanding the evolution of this important technology.

Starting with the background-magnetism, electricity, light, and Maxwell's Electromagnetic Theory-this book offers new insights into the initial theory and experimental exploration of wireless. In addition to the well-known contributions of Maxwell, Hertz, and Marconi, it examines work done by Heaviside, Tesla, and passionate amateurs such as the Kentucky melon farmer Nathan Stubblefield and the unsung hero Antonio Meucci. Looking at the story from mathematical, physics, technical, and other perspectives, the clearly written text describes the development of wireless within a vivid scientific milieu.

***History of Wireless* also goes into other key areas, including:**

- The work of J. C. Bose and J. A. Fleming
- German, Japanese, and Soviet contributions to physics and applications of electromagnetic oscillations and waves
- Wireless telegraphic and telephonic development and attempts to achieve transatlantic wireless communications
- Wireless telegraphy in South Africa in the early twentieth century
- Antenna development in Japan: past and present
- Soviet quasi-optics at near-mm and sub-mm wavelengths
- The evolution of electromagnetic waveguides
- The history of phased array antennas

Augmenting the typical, Marconi-centered approach, *History of Wireless* fills in the conventionally accepted story with attention to more specific, less-known discoveries and individuals, and challenges traditional assumptions about the origins and growth of wireless. This allows for a more comprehensive understanding of how various components and systems evolved. Written in a clear tone with a broad scientific audience in mind, this exciting and thorough treatment is sure to become a classic in the field.

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Robert Lyman:

In this period of time globalization it is important to someone to get information. The information will make professionals understand the condition of the world. The healthiness of the world makes the information better to share. You can find a lot of personal references to get information example: internet, classifieds, book, and soon. You will see that now, a lot of publisher that print many kinds of book. The particular book that recommended for you is History of Wireless this guide consist a lot of the information from the condition of this world now. That book was represented how does the world has grown up. The dialect styles that writer make usage of to explain it is easy to understand. The writer made some study when he makes this book. That's why this book suitable all of you.

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