

Abstracts

The History of Electromagnetics as Hertz Would Have Known It (1988 Vol. I [MWSYM])

R.S. Elliott. "The History of Electromagnetics as Hertz Would Have Known It (1988 Vol. I [MWSYM])." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. I [MWSYM]): 191-191.

Highlights of the separate developments of the sciences of electrostatics and magnetostatics are traced through the end of the seventeenth century. These include Gilbert's cataloging of materials which, when rubbed, attracted light bodies, a phenomenon he labeled electric; Peregrinus' discovery that a lodestone, shaped to be spherical, behaved as though it possessed north and south magnetic poles, which prompted Gilbert to appreciate that the earth itself is a giant spherical magnet; and Kirchner's demonstration that the two poles of a magnet have equal strength.

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