

Abstracts

Heinrich Hertz--Theorist and Experimenter (May 1988 [T-MTT])

J.D. Kraus. "Heinrich Hertz--Theorist and Experimenter (May 1988 [T-MTT])." 1988 Transactions on Microwave Theory and Techniques 36.5 (May 1988 [T-MTT] (Special Issue Commemorating the Centennial of Heinrich Hertz)): 824-829.

When Heinrich Hertz was appointed professor of physics at Karlsruhe in 1885 he was uniquely prepared for his historic experiments that opened the radio spectrum. He made the first antennas and transmitter receiver radio system. He conducted a series of experiments which established in a brilliant way that radio waves are one with light except for their much greater length. His description of the radiation phenomenon remains the best ever written, revealing his tremendous depth of understanding of the subject. Hertz's training, studies, and experiments are recounted and measurements with a replica of his apparatus are described.

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