

LINES AND WAVES - FARADAY, MAXWELL, AND 150 YEARS OF ELECTROMAGNETISM

An Exhibit by the IEEE History Center (1981)

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"It was 150 years ago that the English scientist [Michael Faraday](#) discovered that he could generate electricity with magnets - the phenomenon we call electromagnetic induction. In the same year that Faraday made this discovery, there was born in Scotland the man whose brilliant mathematical interpretation of Faraday's ideas was to become the foundation of our modern concepts of electricity, magnetism and light, James Clerk Maxwell. This exhibit celebrates the life and work of these two men and seeks to highlight their contributions to our understanding of electricity and our ability to make electricity work for us through engineering."

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