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FARADAY AND THE INDUCED CURRENT



MICHAEL FARADAY



HANS CHRISTIAN ØRSTED



ANDRÉ-MARIE AMPÈRE

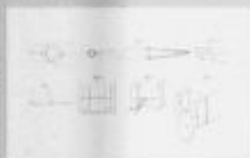


Diagram illustrating the magnetic field lines around a bar magnet, showing the field lines emerging from the North pole and entering the South pole.



JAMES CLERK MAXWELL

The discovery of the induced current was a great triumph for the science of electricity. It showed that electricity and magnetism were not separate forces, but were in fact two aspects of the same phenomenon. This discovery led to the development of the theory of electromagnetism, which is one of the most important theories in physics.



Open book showing text and diagrams, likely a scientific treatise on electricity and magnetism.

Text block describing the discovery of the induced current.



Small diagram of a mechanical device, possibly a component of an early electric machine.



Open book showing text and diagrams, likely a scientific treatise on electricity and magnetism.



Small mechanical device, possibly a component of an early electric machine.

Text block describing the discovery of the induced current.



Small mechanical device, possibly a component of an early electric machine.

