

Hendrik Antoon Lorentz Encyclopedia Article

Hendrik Antoon Lorentz

The following sections of this BookRags Literature Study Guide is offprint from Gale's For Students Series: Presenting Analysis, Context, and Criticism on Commonly Studied Works: Introduction, Author Biography, Plot Summary, Characters, Themes, Style, Historical Context, Critical Overview, Criticism and Critical Essays, Media Adaptations, Topics for Further Study, Compare & Contrast, What Do I Read Next?, For Further Study, and Sources.

(c)1998-2002; (c)2002 by Gale. Gale is an imprint of The Gale Group, Inc., a division of Thomson Learning, Inc. Gale and Design and Thomson Learning are trademarks used herein under license.

The following sections, if they exist, are offprint from Beacham's Encyclopedia of Popular Fiction: "Social Concerns", "Thematic Overview", "Techniques", "Literary Precedents", "Key Questions", "Related Titles", "Adaptations", "Related Web Sites". (c)1994-2005, by Walton Beacham.

The following sections, if they exist, are offprint from Beacham's Guide to Literature for Young Adults: "About the Author", "Overview", "Setting", "Literary Qualities", "Social Sensitivity", "Topics for Discussion", "Ideas for Reports and Papers". (c)1994-2005, by Walton Beacham.

All other sections in this Literature Study Guide are owned and copyrighted by BookRags, Inc.

Contents

Hendrik Antoon Lorentz Encyclopedia Article.....	1
Contents.....	2
Hendrik Antoon Lorentz.....	3

Hendrik Antoon Lorentz

1853-1928

Dutch theoretical physicist best known for codeveloping the Lorentz-Fitzgerald transformations. Derived in 1892 from his theory of electrons, these equations allowed Lorentz to account for the Michelson-Morely null-result. Albert Einstein later derived the transformations from his theory of relativity. Another consequence of Lorentz's electron theory was the splitting of spectral lines in magnetic fields—the Zeeman effect, confirmed by Pieter Zeeman in 1896. For these discoveries, Lorentz and Zeeman shared the 1902 Nobel Prize for Physics.