John Dollond Encyclopedia Article

John Dollond

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

John Dollond Encyclopedia Article.....1

Contents.....2

John Dollond.....3

John Dollond

1706-1761

English optician famous for inventing achromatic lenses. Objects viewed through lenses are fringed by interfering colors. This chromatic aberration is caused by lenses differently refracting the various wavelengths composing white light. The stronger the lens the more chromatically disturbed the image. Dollond succeeded in eliminating aberration by combining two lenses such that one reversed the effects of the other (1758). Chester Moor Hall (1703-1771) had been producing such lenses since 1733 but failed to publicize his work.