Donald B. Keck Encyclopedia Article

Donald B. Keck

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

Donald B. Keck Encyclopedia Article.....1

Contents.....2

Donald B. Keck.....3

Donald B. Keck

1941-

American physicist who, with Robert Maurer and Peter Schultz, helped make fiber optics practical and useful. Early optical fibers were fragile and suffered from high signal loss. Keck, Maurer, and Schultz found that doping the glass with titanium and, later, germanium, markedly improved the strength and optical properties of the fibers. This, in turn, made it possible to transmit signals farther and with greater accuracy, paving the way for their use in telecommunications and data transmission.