



Connecting minds.
Advancing light.

SPIE is the international society
for optics and photonics

SEARCH:

SEARCH

HOME | CONFERENCES + EXHIBITIONS | PUBLICATIONS | EDUCATION | MEMBERSHIP | INDUSTRY RESOURCES | CAREER CENTER | NEWSROOM

▼ Press Room

▶ Press Releases

Event News and Photos

SPIE in the News

SPIE Member News

Social Media: Connect

RSS Collection

For the Press

History

Leadership and Governance

Fellows and Senior Members

Awards Programs

SPIE Giving

Related Organizations

Jobs at SPIE

Public Policy

PRINT PAGE EMAIL PAGE BOOKMARK

'Geometrical Optics' is new interactive SPIE iPhone app

Free copies of the app will be given away to three visitors to the SPIE Facebook page (www.facebook.com/spie.org) who "like" the app post by 26 April.

22 March 2011

BELLINGHAM, Washington, USA -- A best-selling guide to geometrical optics published by SPIE, the international society for optics and photonics, is now available as an interactive application for the iPhone.

The SPIE Field Guide series provides key definitions, equations, illustrations, application examples, design considerations, methods, and tips for use in the lab and in the field in several topics, in accessibly written spiral-bound books.



The *SPIE Field Guide to Geometrical Optics* is the first of the series to be converted from print to mobile, and offers:

- Full-text search
- Bookmarking
- Note taking
- Hyperlinked terms
- History logging
- Interactive equations
- Interactive figures.

The complete interactive guide is available for download for \$6.99 for a limited period. A predecessor "lite" version with more limited functionality is available for free.

Early reviews give the new, complete version high ratings, calling it "excellent" and "a great application for anyone in optics."

The book was authored by SPIE Fellow [John Greivenkamp](#), professor at the College of Optical Sciences, University of Arizona. Content was derived from the treatment of geometrical optics in the college's undergraduate and graduate programs.

Like the original print version, the iPhone app covers Gaussian imagery, paraxial optics, first-order optical system design, system examples, illumination, chromatic effects, and an introduction to aberrations. Appendices provide supplemental material on radiometry and photometry, the human eye, and several other topics.

Read more about the app at www.SPIE.org/x647.xml, try the [free Geometrical Optics Lite](#) app, or [download the complete Field Guide](#) to Geometrical Optics from the iTunes Store.

[SPIE](#), the international society for optics and photonics, was founded in 1955 to advance light-based technologies. Serving more than 180,000 constituents from 168 countries, the Society advances emerging technologies through interdisciplinary information exchange, continuing education, publications, patent precedent and career and professional growth. SPIE annually organizes and sponsors approximately 25 major technical forums, exhibitions and education programs in North America, Europe, Asia and the South Pacific, and supports scholarships, grants and other education programs around the world.

###

Media Contact:

Amy Nelson
Public Relations Manager
amy@spie.org
Tel: +1 360 685 5478

