

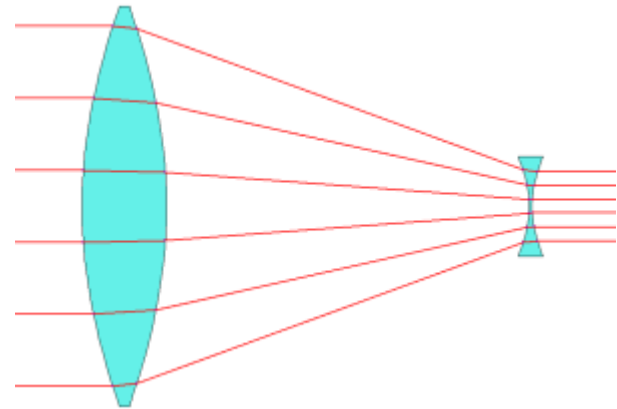


OPAC 101

Introduction to Optics

Chapter 0

The Course



Department of
Optical & Acustical Engineering
Gaziantep University

<http://www1.gantep.edu.tr/~bingul/opac101>

Sep 2020

Web Resources for the Course

- Course web page

<http://www1.gantep.edu.tr/~bingul/opac101>

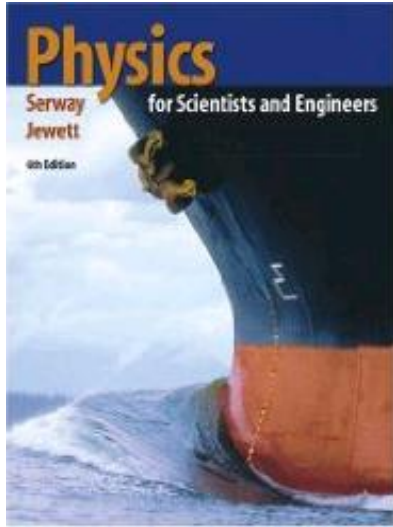
Lecture Notes

Problems

Exam Results

- Also search *Google* and *Wikipedia* for any of the expressions used in this course.

The Course Books (basic level)



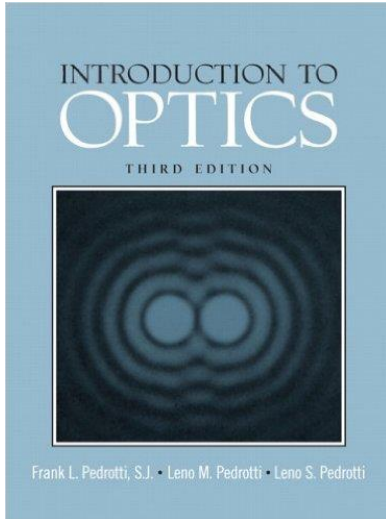
Physics for Scientists and Engineers

R. A. Serway and J. W. Jewett

Brooks Cole

~ 50 \$

The Course Books (Advanced Level)

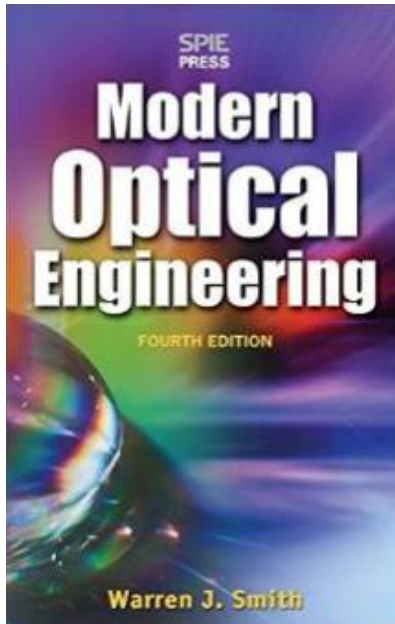


Introduction to Optics (2nd or 3rd Ed)

F.L. Petrotti

Pearson

~ 100 \$



Modern Optical Engineering (3rd Ed)

W. Simith

McGraw-Hill

~ 90 \$

Course Content

- **The Light**
- **Geometrical Optics (Paraxial Theory)**
(Reflection, Refraction, Mirrors, Lenses, etc)
- **Aberation Theory**
- **Introductory Photometry**