

## Basics of laser physics: for students of science and engineering

Renk, Karl F.

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20401376&lokasi=lokal>

---

### Abstrak

Basics of laser physics provides an introductory presentation of the field of all types of lasers. It contains a general description of the laser, a theoretical treatment and a characterization of its operation as it deals with gas, solid state, free-electron and semiconductor lasers and, furthermore, with a few laser related topics. The different subjects are connected to each other by the central principle of the laser, namely, that it is a self-oscillating system. Special emphasis is put on a uniform treatment of gas and solid-state lasers, on the one hand, and semiconductor lasers, on the other hand.