

Laser, a device that stimulates atoms or molecules to emit light at particular wavelengths and amplifies that light, typically producing a very narrow beam of radiation. The emission generally ...

The second volume gives encyclopedic coverage of different categories of lasers, from solid-state lasers and semiconductor diode lasers to the latest in fiber, gas, vapor, chemical, and dye lasers. The ...

A laser is created when electrons in the atoms in optical materials like glass, crystal, or gas absorb the energy from an electrical current or a light. That extra energy "excites" the electrons enough to move ...

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While initial diode laser research was conducted on simple P-N diodes, all modern lasers use the double-hetero-structure implementation, where the carriers and the photons are confined in order to ...

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The three major pieces of the laser interface puzzle include the output circuit of the laser driver, the electrical characteristics of the laser diode, and the interface between them...

Laser diode interface methods include

Laser diodes are a type of semiconductor device that emits coherent light when an electrical current is passed through them. They are widely used in various applications, including ...

The three major pieces of the laser interface puzzle include: (1) the output circuit of the laser driver, (2) the electrical characteristics of the laser diode, and (3) the interface between them (which is usually ...

A laser is a device in which a collection of atoms or molecules, a semiconductor, or another quantum system, is held between mirrors and energized, or pumped, so that something in ...

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