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Applications of Lasers - Physics and Radio-Electronics

Types of Lasers Can be broadly divided into 3 types: Solid-state, Gas, and Liquid *The optimal laser will differ depending on the desired processing application.

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Laser - Wikipedia

Laser types used in dermatology include ruby (694 nm), alexandrite (755 nm), pulsed diode array (810 nm), Nd:YAG (1064 nm), Ho:YAG (2090 nm), and Er:YAG (2940 nm). Eye surgery and refractive surgery Soft tissue surgery : CO 2 , Er:YAG laser

List of laser applications - Wikipedia

Gain an understanding of the basic operating principles of lasers. Understand major design issues associated with laser-based systems. Identify the major components and technologies in laser systems. Understand the basis and operation of laser-based military systems. Review active optical sensing and relevant applications.

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LASER SCANNING - PRINCIPLES AND APPLICATIONS

Although the Er:YAG laser is used mostly on enamel and dentin, the gingival depigmentation procedure using this laser also is described. Clinical applications of the CO2 and diode lasers on soft tissues, particularly in the fields of oral and maxillofacial surgery and perodontics, are explained.

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