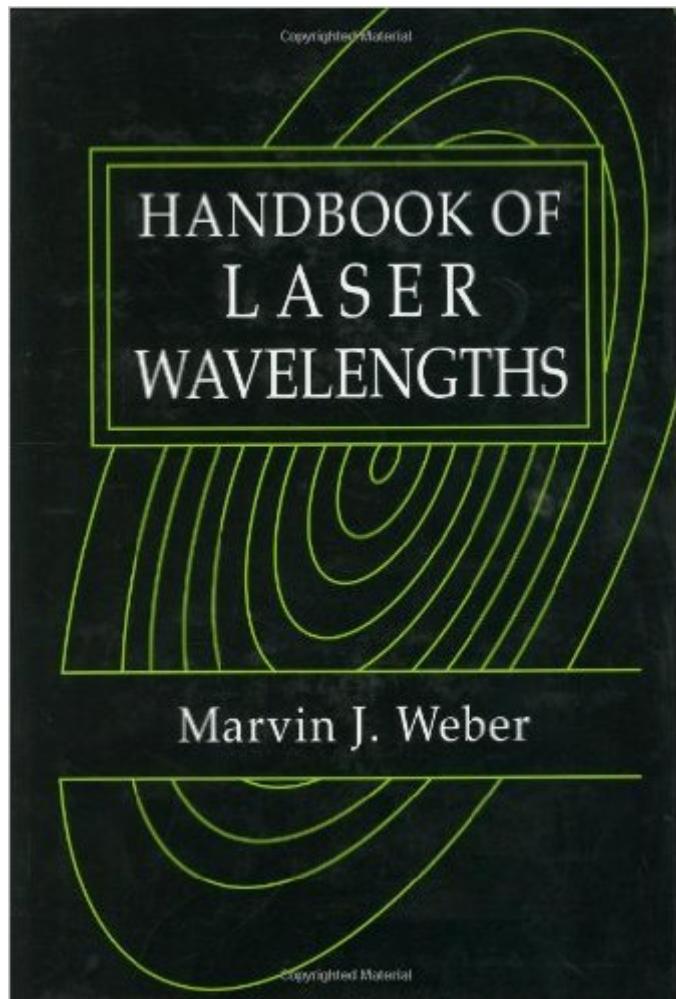


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# Handbook Of Laser Wavelengths (Laser & Optical Science & Technology)



## Synopsis

This volume represents the most complete, up-to-date compilation of wavelengths of lasers in all media. Divided by type - solid, liquid, and gas - and listed in order of increasing wavelength, *Handbook of Laser Wavelengths* includes: crystalline paramagnetic ion lasers; glass lasers; color center lasers; semiconductor lasers; polymer lasers; liquid and solid-state dye lasers; rare earth liquid lasers; neutral atom, ion, and molecular gas lasers; extreme ultraviolet and soft X-ray lasers; free electron lasers; nuclear-pumped lasers; lasers in nature; lasers without inversion. Brief descriptions of each type of laser are presented, followed by tables listing the laser wavelength, lasing element or medium, host, transition, and primary literature citations. A special section on commercial lasers is an added feature. *Handbook of Laser Wavelengths* singularly serves as the essential reference for scientists and engineers searching for laser sources for specific applications as well as a survey of the developments that have occurred since the advent of the laser.

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