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Laser absorption spectroscopy operates on the principle that the amount of light absorbed by a sample is related to the concentration of the target species in the sample.

Recent advances of laser-spectroscopy-based techniques for

Laser Spectroscopy Heat Pulse Tunable Laser Optically Detect Magnetic Resonance Photon Echo These keywords were added by machine and not by the authors. This process is experimental and the keywords may be updated as the learning algorithm improves.

Introduction: Advances in the laser spectroscopy of solids

The techniques include: phase-modulated or wavelength-modulation absorption spectroscopy with a widely tunable single mode diode laser, opto-acoustic spectroscopy in resonance cells with a color center laser or a Ti:Sapphire laser, and sub-Doppler opto-thermal spectroscopy in cold collimated molecular beams, using a low temperature bolometer as detector.

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