Olivares

Optics and Laser Physics Laboratory

Laser Spectroscopy, Laser Isotope Separation and Laser Scattering

Optics and Laser Physics Laboratory: Laser Spectroscopy, Laser Isotope Separation and Laser Scattering describes the use of diode lasers for lithium spectroscopy, rubidium spectroscopy, lithium isotope separation, and cooling and trapping of atoms. Based on a solid experimental background, it includes various experiments for readers to try and modify as needed. The book also covers the differences between installing a diode laser from ground zero versus using commercially available laser assemblies. Intended for physics and engineering students at the advanced or graduate level, this book comes fully equipped with examples, homework problems and datasets. It will quickly become a key resource for budding experimentalists in the fields of laser spectroscopy, light scattering and tunable laser development.

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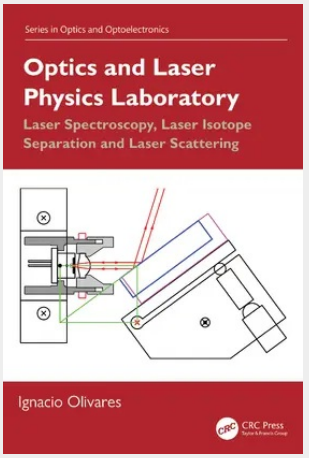

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