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Laser Optogalvanic Spectroscopy in Hollow Cathode Discharges

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pumped by an Nd: YAG laser has been developed for laser optogalvanic spectro-
scopic studies of rare gases. Using this tunable laser system, we have recorded neon
and krypton time resolved optogalvanic spectra under different discharge conditions.
Such a work will lead to investigate the temporal mechanism of the optogalvanic ef-
fect in rare gases.

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