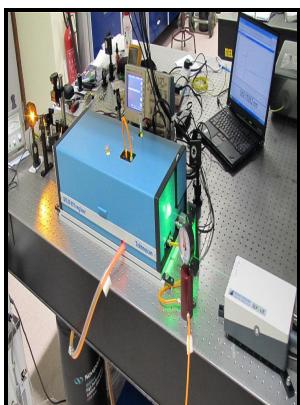


Frequency tuning and non-linear generation with flashlamp pumped dye lasers.

- - Flashlamp



Description: -

- Frequency tuning and non-linear generation with flashlamp pumped dye lasers.
- Frequency tuning and non-linear generation with flashlamp pumped dye lasers.

Notes: Thesis (Ph. D.)--The Queens University of Belfast, 1973.
This edition was published in 1973



Filesize: 28.810 MB

Tags: #Laser #Kids

High efficiency interferometric tuning of flashlamp pumped dye lasers

The frequency locking method uses the error signal from a dispersion curve generated from the polarization spectroscopic output.

Tunable Lasers Tutorial

Compare the brightness of both spots. Application of this technology to other alloy density monitoring systems is discussed.

Two frequency self

MAKING THE CAPACITORS The dye laser requires a very fast light pulse for its pumping. It is needed for making the laser dye solution. There is no practical perfection on this way.

Nonlinear Frequency Generation and Conversion

Here we get the amount of xenon in the lamp: $\mu \sim 3$. The tunability of the pump laser will allow the second Stokes output to span the 2 - 5 micrometers wavelength range. The number of oscillating modes has been reduced to restrict the laser bandwidth to the order of the Doppler width of the molecular transitions.

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