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## SHORT-PULSE GENERATION IN A DIODE END PUMPED SOLID STATE LASER

A Nd:YVO<sub>4</sub> modelocked laser has been constructed using a resonator designed according to the theoretical parameters. The laser produced pulses in the picosecond region with a maximum average output power of 2.8W. Passive modelocking of the Nd:YVO<sub>4</sub> laser has been demonstrated using a semiconductor saturable absorber mirror (SESAM).

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