

neodymium laser

A CW pulsed laser emitting radiation from excited Nd^{3+} principally occurring around $1.06\ \mu\text{m}$ (the precise position depends on the matrix). The Nd^{3+} is present as a dopant in suitable crystals (e.g. yttrium–aluminium garnet, YAG) or in suitable glasses (phosphate, silicate, etc.).

See *solid-state lasers*

1996, 68, 2256