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Relations for Different Resonators of Nd:Glass and Nd:YAG Lasers

Erol TAŞAL, M. Selami KILIÇKAYA

Department of Physics, Osmangazi University, Eskisehir-TURKEY

Abstract: Simple relations in terms of effective g parameters are given for linear resonators that contain laser rods with curved endfaces and for symmetrical and asymmetric ring resonators of Nd:Glass and Nd:YAG lasers. The equivalence relationships of thick and thin lenses have been applied.

Key Words: Lasers, Resonators, Nd:Glass and Nd:YAG Lasers.

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