

Solid-state Masers

by Edmund Belford Tucker

masers require vacuum chambers and pumping. Solid-state masers. 5. , though excelling as low-noise amplifiers. 6 and occasionally incorporated within 16 Aug 2012 . Room-temperature solid-state maser. Oxborrow M(1), Breeze JD, Alford NM. Author information: (1)National Physical Laboratory, Hampton Five decades later: "Practical" solid-state masers Tiara Stewart At Long Last, a Room-Temperature Maser Optics & Photonics News The Solid State Maser: The Commonwealth and International Library: . - Google Books Result Solid-State Masers (Solid-State Physics) [E. B Tucker] on Amazon.com. *FREE* shipping on qualifying offers. MASER power comes out of the cold: Solid-state MASER can . Very weak signals can thus be utilized. The ammonia maser amplifies only a very narrow band of frequencies and is not tunable, however, so that it has largely Room-temperature solid state maser may be the laser of tomorrow Five decades later: "Practical" solid-state masers. The biggest challenge in practically operating a maser has been solved with the recent demonstration by Mark the solid state maser - Defense Technical Information Center

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