

# Abstracts

## Design and Operation of an Orotron-A Tunable Source of Coherent Millimeter Wave Radiation

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*H. Dropkin, R.P. Leavitt and D.E. Wortman. "Design and Operation of an Orotron-A Tunable Source of Coherent Millimeter Wave Radiation." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 267-269.*

Results are given that describe our experimental observations of orotron oscillation and the physical principles which govern the design of this device, a Smith-Purcell free-electron laser for the millimeter and submillimeter wavelength regions.

[Return to main document.](#)