

# Abstracts

## Assignments of Optically Pumped Laser Lines of 1,1-Difluoroethylene (Short Papers)

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*G. Duxbury, T.J. Gamble and H. Herman. "Assignments of Optically Pumped Laser Lines of 1,1-Difluoroethylene (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part I [T-MTT] (Special Issue on the Proceedings of the First International Conference on Submillimeter Waves and Their Applications)): 1108-1109.*

The submillimeter laser transitions of  $\text{CF}_2/\text{CH}_2$  have been assigned to pure rotation transitions in the  $v_9$ ,  $v_4$ , and  $v_5 + v_{10}$  vibrational states using results from laser Stark spectroscopy.

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