

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

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 CF/sub 2/CH/sub 2/ have been assigned to pure rotation transitions in the ν_9 , ν_4 , and $\nu_5 + \nu_{10}$ vibrational states using results from laser Stark spectroscopy.

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