

## ELECTRONIC TRANSITIONS OF TUNGSTEN MONOXIDE

GANG LI, TSUYOSHI HIRAO, and PETER F. BERNATH, *Guelph-Waterloo Centre for Graduate Work in Chemistry and Biochemistry, Department of Chemistry, University of Waterloo, Waterloo, Ontario N2L 3G1, Canada.*

Electronic transitions of tungsten monoxide were detected in emission and several new bands were discovered in the region 13,000 - 24,500  $\text{cm}^{-1}$  using a Bruker IFS 120 HR high resolution Fourier transform spectrometer. Results of rotational analyses of the 0-0 bands of various systems and related discussions are presented.