ROVIBRATIONAL SPECTROSCOPY OF CO_2-NO

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The absorption spectrum of the weakly bound cluster CO_2-NO has been observed by probing the ν_3 asymmetric stretch of CO_2. Clusters were formed by supersonic expansion of a mixture of NO:CO_2 in a 7:1 ratio using He as the carrier gas. Etalon, reference and signal spectra were recorded simultaneously using a transient digitizer and a 386 PC. The spectrum was recorded between 2344.6 -2349.6 cm^{-1}. The structure of the dimer will be discussed.