

# INFRARED SPECTROSCOPY OF $(\text{N}_2\text{O})_n^-$ AND $(\text{N}_2\text{O})_m\text{O}^-$ CLUSTER ANIONS

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We report infrared photodissociation spectra of nitrous oxide cluster anions,  $(\text{N}_2\text{O})_n^-$  ( $n = 7 - 11$ ) and  $(\text{N}_2\text{O})_m\text{O}^-$  ( $m = 1 - 13$ ). Structural changes of the charge carrier in the clusters are driven by increasing levels of solvation. The spectra are interpreted by comparison with quantum chemical calculations.