

INVESTIGATIONS OF DIMERS AND TRIMERS USING AN UPGRADED INFRARED DIODE LASER SUPER-SONIC JET SPECTROMETER

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We report enhanced sensitivity using a high frequency wavelength modulation near infrared diode laser supersonic jet spectrometer. Application of the spectrometer to investigation of dimers and trimers is will be presented to illustrate its current performance. The latter will include results for (HBr)₂, (HBr)₃, OC-HBr and (HI)₂.