INTRACAVITY LASER ABSORPTION SPECTROSCOPY OF PLATINUM FLUORIDE IN THE NEAR INFRARED

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Several new bands of PtF has been recorded in the near-infrared with rotational resolution using intracavity laser absorption spectroscopy. The results of the analysis will be presented. The gas phase PtF molecules were produced using a platinum-lined hollow cathode in an argon-based electric discharge with a small amount of SF_6.