

Abstract Submitted
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Millimeter wave spectroscopy of ultracold Rydberg atoms¹ VINCENT C. GREGORIC, Bryn Mawr College, THOMAS J. CARROLL, Ursinus College, MICHAEL W. NOEL, Bryn Mawr College — An ultracold sample of highly-excited atoms can exchange energy through dipole-dipole interactions. We explore the use of millimeter wave spectroscopy as a tool for more precisely characterizing the dynamics of this energy exchange.

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