

Abstract Submitted  
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**Radio-frequency spectroscopy of pair formation in quasi-two-dimensional strongly interacting Fermi gas** YINGYI ZHANG, WILLIE ONG, ILYA ARAKELYAN, JOHN THOMAS, Duke University — We performed radio-frequency spectroscopy of a strongly interacting degenerate quasi-2D Fermi gas of Li-6 atoms trapped in a CO2 laser standing wave trap. Confinement-induced dimer formation above the 3D Feshbach resonance was investigated by comparison with the spectrum obtained in a 3D system.

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