

Abstract Submitted  
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**Measuring the Contact in the BCS-BEC Crossover** TARA DRAKE,  
JOHN GAEBLER, JAYSON STEWART, DEBORAH JIN, JILA — We present  
results for the contact of a strongly interacting Fermi gas of  $^{40}\text{K}$  atoms. We measure  
the contact by fitting the tails of the momentum distribution and RF lineshape  
of the gas. We compare this result to our measurements of the generalized virial  
theorem.

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