

- [13] E. Burovski, N. Prokof'ev, B. Svistunov and M. Troyer, *The Fermi-Hubbard model at unitarity*, New J.Phys.**8** (2006) 153 [arXiv:cond-mat/0605350]; *Critical Temperature and Thermodynamics of Attractive Fermions at Unitarity*, Phys. Rev. Lett. **96** (2006) 160402.
- [14] Y. Nishida and D. T. Son, ϵ expansion for a Fermi gas at infinite scattering length, Phys. Rev. Lett. **97** (2006) 050403 [arXiv:cond-mat/0604500].
- [15] P. Nikolić and S. Sachdev, *Renormalization group fixed points, universal phase diagram, and $1/N$ expansion for quantum liquids with interactions near the unitarity limit*, Phys. Rev. **A75** (2007) 033608 [arXiv:cond-mat/0609106].
- [16] D. T. Son, *Toward an AdS/cold atoms correspondence: a geometric realization of the Schoedinger symmetry*, Phys. Rev. **D78** (2008) 046003 [arXiv:0804.3972].
- [17] J. Maldacena, D. Martelli and Y. Tachikawa, *Comments on string theory backgrounds with non-relativistic conformal symmetry*, JHEP0810 (2008) 072 [arXiv:0807.1100].
- [18] C. P. Herzog, M. Rangamani and S. F. Ross, *Heating up Galilean holography*, JHEP0811 (2008) 080 [arXiv:0807.1099].
- [19] A. Adams, K. Balasubramanian and J. McGreevy, *Hot spacetimes for cold atoms*, JHEP0811:059, 2008 [arXiv:0807.1111].
- [20] P.-T. How and A. LeClair, *Critical point of the two-dimensional Bose gas: an S-matrix approach*, Nucl. Phys. **B824** (2010) 415 [arXiv:0906.0333].
- [21] E. Lieb and W. Liniger, Phys. Rev. **130** (1963) 1605.
- [22] C. N. Yang and C. P. Yang, Jour. Math. Phys. **10**, (1969) 1115.
- [23] P.-T. How and A. LeClair, *S-matrix approach to quantum gases in the unitary limit II: the three-dimensional case*, in preparation.
- [24] P. Kovtun, D. T. Son and A. O. Starinets, Phys. Rev. Lett. **94** (2005) 111606 [arXiv:hep-th/0405231].
- [25] D. S. Petrov, M. A. Baranov and G. V. Shlyapnikov, *Superfluid transition in quasi 2d*