Abstract Submitted
for the MAR16 Meeting of
The American Physical Society

Revisiting the Toulouse limit of a Kondo junction C.J. BOLECH, NAYANA SHAH, University of Cincinnati — Following the development of a scheme to bosonize and debosonize consistently [1,2], we present in detail the Toulouse-point analytic solution of the two-lead (nonequilibrium) Kondo junction model. The existence and location of the solvable point is not modified, but the calculational methodology and the final expressions for observable quantities change markedly as compared to the previously accepted results.

[1] See arXiv:1508.03078 and arXiv:1508.03079
[2] See also N. Shah, invited talk

C.J. Bolech
University of Cincinnati

Date submitted: 06 Nov 2015 Electronic form version 1.4