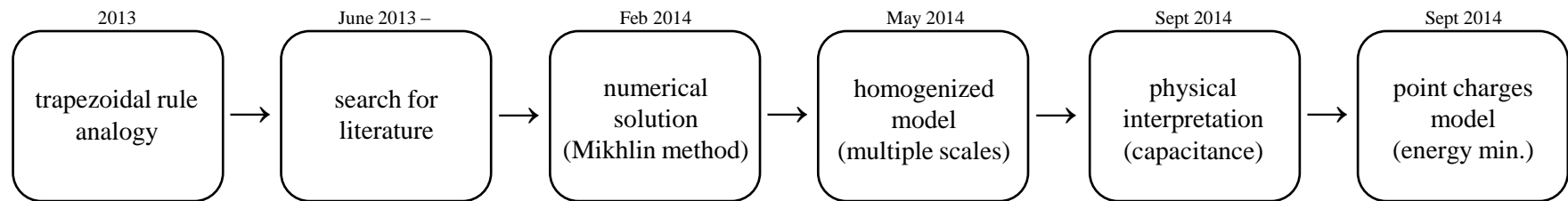
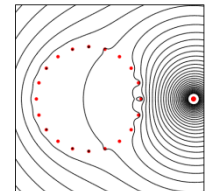
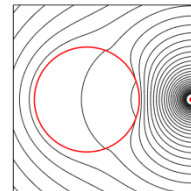
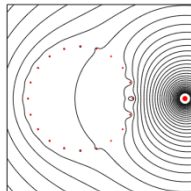


FARADAY CAGE PROBLEM

Nick Trefethen
University of Oxford
April 2015



Working with Weideman on a long review paper for *SIAM Review* on the periodic trapezoidal quadrature rule. First numerical computations.

The trapezoidal rule review paper is submitted in August with a section on the Faraday cage that misses the point. A merciful referee suggests removing it. The revised paper appears a year later, with no mention of Faraday.

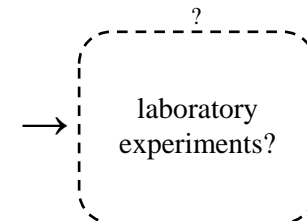
Return to the problem during sabbatical in Geneva Jan-April. Hewett gets involved.

Back at Oxford, first Faraday talk 5 May. Chapman gets involved.

Paper submitted to *SIAM Review* 29 Aug.

Many talks and discussions in US/Canada and UK/Europe.

Paper accepted subject to minor revisions 26 Jan 2015; revised paper accepted 13 Feb 2015.



S. J. Chapman, D. P. Hewett, and L. N. Trefethen,
Mathematics of the Faraday cage, *SIAM Review*, to appear.