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Jill Pipher* (jill_pipher@brown.edu). *Boundary value problems for elliptic and parabolic equations with non-smooth coefficients.*

There is a certain natural condition on the coefficients of an elliptic or parabolic equation in divergence form which can be expressed in terms of Carleson measures. We give some background in the case of real coefficients, and sketch some work-in-progress when the coefficients are complex valued. (Received August 20, 2016)