

1107-60-482

Jonathan C Mattingly* (jonm@math.duke.edu), Mathematics department, Physics building, science drive, Durham, NC 27701. *Absolute Continuity for SPDEs*.

I will discuss how the fine scale structure of a class of SPDEs can be determined by proving absolute continuity relative to a simpler SPDE. I will use the 2D navier stokes equation (and related systems) as my motivating example. (Received January 20, 2015)