1138-62-330 Hau-tieng Wu* (hauwu@math.duke.edu), 140 Science Drive, unit 207, Durham, NC 27705. Alternating or commutative diffusion? Fetal ECG as an example. Preliminary report.

Alternating diffusion has been considered in several previous studies. In this talk, we discuss some recent progress in this direction, and show its usefulness in the fetal ECG analysis. This is a joint work with Professor Ronen Talmon and Tal Shnitzer. (Received February 12, 2018)