

Fractional Diffusion and its Influence on Blow-Up Phenomena

The modeling of anomalous diffusion with PDE's involving fractional derivatives will be discussed.

The influence of these non-classical diffusion models on nonlinear problems that exhibit blow-up behavior will be demonstrated.

Ed Olmstead, Ph.D.
Northwestern University



Friday, March 20th
3:00 – 4:00 PM
Marieb Hall Room 214

Light Refreshments will be provided