

1046-35-203

**Silvia Jimenez\*** (sjimenez@math.lsu.edu), 4066 Burbank Dr. Apt. 6, Baton Rouge, LA 70808,  
and **Robert Lipton**. *Local fields in Nonlinear Power Law Materials*.

We focus on strong approximations for local fields in Nonlinear Power Law Materials. The approximations are used to assess the singularity strength inside micro-structured materials. Examples are given for mixtures of different types of power law materials. (Received September 15, 2008)