## KABE MOEN, University of Alabama

Regularity of solutions to degenerate p-Laplacian equations

Motivated by mappings of finite distortion, we consider degenerate p-Laplacian equations whose ellipticity condition is satisfied by the distortion tensor and the inner distortion function of such a mapping. Assuming a certain Muckenhoupt type conditions on the weight involved in the ellipticity condition, we describe the set of continuity of solutions.