

**title:**

On BMO estimates of the  $p$ -Laplacian

**abstract:**

We study the regularity of the inhomogeneous  $p$ -Laplace system

$$-\operatorname{div}(|\nabla u|^{p-2}\nabla u) = \operatorname{div}(f),$$

where  $1 < p < \infty$  and  $f$  has bounded mean oscillation. We show that the BMO, VMO, and Campanato regularity of  $f$  transfers to  $A(\nabla u) := |\nabla u|^{p-2}\nabla u$ .