Functional Analysis, Approximation Theory and Differential Equations

Singular solutions to *p*-Laplacian systems.

Luigi Montoro

 a Dipartimento di Matematica e Informatica, Università della Calabria- Rende (CS) (Italy)

montoro@mat.unical.it

We consider positive singular solutions (i.e. with a non-removable singularity) of a system of PDEs driven by p-Laplacian operators. We prove some fine regularity properties of the solutions, and then we show symmetry and monotonicity properties.