



## ANALISYS SESSION

### *p*-Harmonic functions in the upper half-space.

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14h - 14h40

Anfiteatro 11

#### **Abstract.**

We investigate the existence, nonexistence, and qualitative properties of  $p$ -harmonic functions in the upper half-space  $\mathbb{R}_+^N$  ( $N \geq 3$ ) satisfying nonlinear boundary conditions. Moreover, the symmetry of positive solutions is shown by using the method of moving planes.