Rigidity and symmetry results for some elliptic problems

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☺   June 6, 17:15

In this talk, we investigate qualitative properties of singular solutions to some elliptic problems. In the first part, we will focus our attention on semilinear and quasilinear elliptic problems under zero Dirichlet boundary conditions. In the second part, thanks to the previous analysis, we obtain some rigidity results for overdetermined boundary value problems for singular solutions in bounded domains.