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On the fusion problem for degenerate elliptic equations II

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Abstract: Let F be a relatively closed subset of a Euclidean domain Ω . We investigate when solutions u to certain elliptic equations on $\Omega \setminus F$ are restrictions of solutions on all of Ω . Specifically, we show that if ∂F is not too large, and u has a suitable decay rate near F , then u can be so extended.

Keywords: \mathcal{A} -harmonic function, Hausdorff measure, Fusion problem

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