Some remarks about the zero sets for the Dirichlet space

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Abstract: The Dirichlet space D is the Hilbert space of analytic functions f on the open unit disc such that $\int_{|z|<1} |f'|^2 dxdy < \infty$. It is an open problem to characterize the zero sets for D.

In this talk I will give an overview of the known results and present some new ones. The new results are based on joint work with Michael Hartz.