

1125-46-359

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A few years ago, a new approach to the Arveson conjecture was introduced independently by Engliš-Eschmeier and Douglas-Tang-Yu exploiting the structure of the zero variety when it is "nice". Earlier results on the essential normality of the closure of a polynomial ideal in the Drury-Arveson space had utilized mostly operator-theoretic methods. In this talk we will discuss related approaches to more general ideals developing new machinery from complex harmonic analysis. In addition to results already obtained, we will speculate on what might come next. (Received August 29, 2016)