

1108-46-166

Richard H Rochberg* (rr@math.wustl.edu). *Representing the Dirichlet Space as a Quotient*. Preliminary report.

The general theory of reproducing kernel Hilbert spaces with complete Pick kernels insures that by mapping the disk into the n -ball, the Dirichlet space can be realized as a quotient space of the Drury-Arveson space of the n -ball. I will describe a geometric obstruction to having such a map if n is finite. (Received January 09, 2015)