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Troy Banks* (tvbanks@salisbury.edu), Salisbury University, 1101 Camden Ave, Salisbury, MD 21801. *On the structure of certain class of Hankel-like Kernels.*

We investigate a certain class of Hankel-like positive definite kernels using their associated orthogonal polynomials and provide calculation of the coefficients of the Hankel matrices corresponding to the parameters of the Gegenbauer polynomials. (Received September 20, 2016)