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Florin Catrina and **Aurel I Stan*** (stan.7@osu.edu). *A Holder-Young inequality for norms of Gamma Wick products.*

We define first the Wick product generated by a probability measure with finite moments of all orders. This definition depends on the monic orthogonal polynomials associated with that measure. We then apply this definition to the particular case of a Gamma distribution, and present an integral representation for the Gamma Wick products. Finally, we use the integral representation to prove an inequality for norms of Wick products generated by a Gamma probability measure with mean equal to the half of an integer. (Received January 20, 2018)