

1125-43-2694

Ishwari J Kunwar* (ikunwar3@math.gatech.edu). *Weighted estimates for multilinear dyadic operators and their commutators.*

Multilinear dyadic paraproducts and Haar multipliers, which arise naturally through the decomposition of the pointwise product of two or more functions, serve as the discrete dyadic models of multilinear Calderón-Zygmund operators. In this talk, I will present weighted estimates for these multilinear dyadic operators, and their commutators with dyadic BMO functions. (Received September 20, 2016)