Eero Saksman
University of Helsinki, Finland

Approximation in the Zygmund and Hölder classes

We estimate in terms of various quantities the distance of a given Zygmund function in R^n to BMO-type subspaces, or more generally to Besov and Triebel subspaces. This generalizes earlier results due to A. Nicolau and O. Soler i Gibert to higher dimensions.

The work is based on a joint work with O. Soler i Gibert (Barcelona), and with Feng Dai (Alberta), Dachun Yang (Beijing), Wen Yuan (Beijing) and Yangyang Zhang (Beijing).