Ajdosov, E. Zh.
On a relation between the modulus of continuity and best approximations of a function with respect to the Haar system in various metrics. (Russian) Zbl 0701.41040

Summary: The article proves a theorem on conditions between $\omega$, $\lambda$ and $q$ for the embedding $H^\omega_1 \subset E_q(\lambda)$, $(1 < q < \infty)$. Best approximations of a function with respect to the Haar system is investigated.

MSC:
41A50 Best approximation, Chebyshev systems
42C15 General harmonic expansions, frames
26A15 Continuity and related questions (modulus of continuity, semicontinuity, discontinuities, etc.) for real functions in one variable
41A65 Abstract approximation theory (approximation in normed linear spaces and other abstract spaces)

Keywords:
embedding; Haar system