

Anastasia Vasilieva

Moscow State University, Russia

Kolmogorov widths of weighted Sobolev and Besov classes

Estimates of Kolmogorov widths $d_n(W_{p,g}^r, L_{q,v})$ and $d_n(B_{p_1,q_1}^{s_1}(w_1), B_{p_2,q_2}^{s_2}(w_2))$ for some special weights with singularities are found.