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Minimal admissible pairs of sets and their properties. (Ukrainian) Zbl 1199.41155

Summary: The best approximation of a vector-valued function by generalized polynomials which interpolate the function in \( k \) fixed points is investigated. The notion of minimal admissible pairs of sets which corresponds to the notion of the characteristic set of the best approximation in classical approximation theory is introduced. Properties of minimal admissible pairs of sets are investigated.

MSC:
41A50 Best approximation, Chebyshev systems

Keywords:
best approximation; generalized polynomials