## Bilal T. BILALOV, Said M. FARAHANI

## ON PERTURBED BASES OF EXPONENTIAL FUNCTIONS WITH COMPLEX COEFFICIENTS

## Abstract

A perturbed double system of exponents with piecewise continuous complexvalued coefficients is considered. Its basicity in Lebesque spaces of functions is established under definite conditions on the coefficients. Such systems arise while considering spectral problems for discontinuous differential operators.