

Aydin Sh. SHUKUROV

NECESSARY CONDITION OF BASICITY OF A SYSTEM OF POWERS IN LEBESGUE SPACES

Abstract

In the paper, some necessary conditions are obtained for the power system of the form

$$\{A(t) \varphi^n(t); B(t) \bar{\varphi}^n(t)\}_{n \geq 0}$$

to be a basis in Lebesgue spaces.