

**AN ANALYTIC REPRESENTATION OF THE
 L_0 -VALUED HOMOMORPHISMS IN THE
ORLICZ–KANTOROVICH MODULES***B. S. Zakirov*

We consider the Orlicz–Kantorovich modules $L_M(\nabla, m)$ associated with a complete Boolean algebra ∇ , an N -function M , and a measure m defined on ∇ and taking values in the algebra L_0 of all measurable real functions. We obtain an analytic representation of the continuous L_0 -valued homomorphisms defined on such modules.

Key words and phrases: Banach–Kantorovich space, Banach module, conjugate Banach module.

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