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A U -set for System of Character of the Zero-dimensional Group under Convergent over Cubes

I. S. Yurchenko

Saratov State University, Russia, 410012, Saratov, Astrahanskaya st., 83, hamsterchik@mail.ru

In this work we consider system of characters of the compact zero-dimensional group G and study uniqueness sets for N -fold multiple series for system of character a zero-dimensional group under convergent over cubes (in other words, U -sets). We prove that every finite set is a U -set and show that countable set with only one limit point is a U -set.

Key words: compact zero-dimensional group, U -set, N -fold multiple series under convergent over cubes.

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