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On the first return times for toric rotations. (Russian. English summary) Zbl 1425.37008
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Summary: Some examples of domains such that the first return time function for the two-dimensional torus shift has at most three values are constructed. Some applications to bounded remainder sets problem are obtained.

MSC:

37A50 Dynamical systems and their relations with probability theory and stochastic processes Cited in 1 Document

Keywords:

[bounded remainder sets](#); [first return time](#)

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References:

[1] Floreik K., “Une remarque sur la repartition des nombres $\xi \pmod{1}$ ”, Coll. Math. Wroclaw, 2 (1951), 323-324

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