

Erratum to
“Minimal sets of non-resonant torus homeomorphisms”
(Fund. Math. 211 (2011), 41–76)

by

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In [?, Lemma 12], it is claimed that a type II minimal set cannot have simultaneously unbounded disks and annuli as connected components of its complement. The proof of Lemma 12 is incomplete, as it does not take into account that the curves γ_k in the annuli that approximate the unbounded disk Σ could wind in increasingly more difficult patterns around the torus. I do not know whether the claim of Lemma 12 holds, except in the case of periodic unbounded disks, in which case the conclusion does hold.

Therefore, in Theorem A of [?], in the description of type II minimal sets, the statement that the collection of connected components of the complement of the minimal set consists of “essential annuli and bounded disks” has to be replaced with “essential annuli and disks”.

This correction influences neither the description of type I and III minimal sets, nor the corollaries to Theorem A, nor Theorem B.

References

- [1] F. Kwakkel, *Minimal sets of non-resonant torus homeomorphisms*, Fund. Math. 211 (2011), 41–76.

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