ERRATA TO "NON-CUT, SHORE AND NON-BLOCK POINTS IN CONTINUA"

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The aim of this errata is to claim that [2, Theorem 4.5] is not true. This mistake was pointed to us by W. J. Charatonik.

In the false "proof" of [2, Theorem 4.5] the authors argue by a false note mentioned by Bing that every continuum which is both arc-like and circle-like is indecomposable [1, p. 121]. A counterexample to Bing's note as well as to [2, Theorem 4.5] is given by two bucket-handle continua joined by their end-points. Another counterexample is described in [3, Examples].

References

- R. H. Bing, Embedding circle-like continua in the plane, Canadian J. Math. 14 (1962), 113–128.
- [2] J. Bobok, P. Pyrih and B. Vejnar, Non-cut, shore and non-block points in continua, Glas. Mat. Ser. III 51(71) (2016), 237–253.
- [3] C. E. Burgess, Chainable continua and indecomposability, Pacific J. Math. 9 (1959), 653–659.

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