

Crookedness and almost homogeneity in categories of compacta

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Abstract

In 1951, Bing proved that there is a unique hereditarily indecomposable arc-like metrizable continuum – the *pseudo-arc*. In 2006, Irwin and Solecki introduced a projective model-theoretic Fraïssé framework and proved that the pseudo-arc is essentially a *Fraïssé limit* of this type.

We sketch an alternative proof of the Bing’s uniqueness result using general results regarding the notion of *crookedness* together with general results from our formulation of *approximate projective Fraïssé theory* in categories of compacta.

This is joint work with Wiesław Kubiś.