

Erdős-like spaces as Fraïssé limits in some metric categories

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Considering a category of finite metric spaces with morphisms defined as pairs consisting of isometries and contractions, we get some universal structures as a Fraïssé limit. We investigate connections between obtained objects and Erdős space (or its countable infinite power). Moreover, we prove that Erdős space has Boolean group structures.

(joint work with Taras Banakh)