

A Knaster–Reichbach type theorem for graph structures

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We study the properties of a generic object P in the category of finite graphs. It turns out that this object, being topologically a Cantor set, has the Knaster–Reichbach type property. Namely, every homeomorphism and isomorphism $h: K \rightarrow L$ where K and L are nowhere dense closed sets in P and consisting only of isolated vertices in K and L can be extended to the autohomeomorphism and autoisomorphism of the whole graph P .

References

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