

# Topological universality of the automorphism groups of uncountable Fraïssé limits

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## **Abstract**

In all typical cases the automorphism group of a countable Fraïssé limit is universal (even as a topological group) for automorphism groups of its substructures. For uncountable Fraïssé limits, this is usually not the case, even for the "standard" classes, like graphs or linear orders. However, there are interesting exceptions from this rule. In this talk we will see some examples of uncountable Fraïssé limits, whose automorphism groups is topologically universal for automorphism groups of its substructures. The examples will consist of linear orders and Boolean algebras.