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countably categorical structures

Canonical name Countably Categorical Structures

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 $\begin{array}{lll} \text{Author} & \text{amador (8479)} \\ \text{Entry type} & \text{Derivation} \\ \text{Classification} & \text{msc 03C35} \\ \text{Synonym} & \aleph_0\text{-categorical} \\ \text{Synonym} & \omega\text{-categorical} \end{array}$

Related topic oligomorphicPermutationGroup Related topic OligomorphicPermutationGroup A countably infinite structure is called *countably categorical* (also called ω -categorical, or \aleph_0 -categorical) if all countable models of its first-order theory are isomorphic.

Ryll-Nardzewski, Engeler, and Svenonius proved that a countable structure is ω -categorical if and only if it has an oligomorphic automorphism group.