

- ▶ PIERRE SIMON, *Type decompositions in NIP theories*.
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In his recent paper [1], Shelah proves a new characterization of NIP (or dependent) theories: a theory is NIP if and only if there are few types up to automorphisms, over saturated models. The proof goes through a fine analysis of types involving a decomposition in terms of finitely satisfiable types and some *directed* part.

In this talk, I will present the main steps of the proof and some applications.

[1] Saharon Shelah, Dependent dreams: recounting types, paper 950 in Shelah's archive.