Examining Effectiveness of Fraïssé Limits

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For classes of finitely generated structures, there is often a countable structure into which they all embed. For example, for linear orders there is the rationals, for finite graphs the random graph, and for boolean algebras the countable atomless boolean algebra. In each of these cases the large structure is actually a Fraïssé limit of the class of structures. We examine the effectiveness of classical theorems on Fraïssé limits, and also analyze the Turing degrees of relations on computable Fraïssé limits.