Esercizio 1. The language contains only two binary relations. The theory T_0 says that they are equivalence relations. Let $\mathcal{M}$ consists of models of T_0 and partial isomorphisms. Do rich models exist? Can we axiomatize their theory? If so, does it have elimination of quantifiers? Is it λ-categorical for some λ?

Esercizio 2. Prove that every model of T_{dag} and T_{acf} is ω ultrahomogeneous (independently of cardinality and transcendence degree).

La definizione di ultraomogeneo nonm è stata data a lezione, va cercata nelle dispense.