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universal structure

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Defines	universal

Let L be a first order language, and let R be an elementary class of L -structures. Let κ be a cardinal. R_κ be the set of structures from R with cardinality less than or equal to κ .

Let $M \in R_\kappa$. Suppose that for every $N \in R_\kappa$ there is an embedding of N into M . Then we say M is *universal*.