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Similarity results for operators of class C_0 and the algebra $H^\infty(T)$

Any C_0 operator T is quasisimilar to its Jordan model. The purpose of this talk will be to investigate when the relation of quasisimilarity in the previous statement can be improved to similarity. More precisely, we study the algebra $H^\infty(T)$ associated to the operator and obtain similarity to the model in the case where the minimal function can be written as a product of inner functions satisfying the so-called generalized Carleson condition.