



Colloquium del Departamento de Análisis Matemático

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**“Problems on weighted and unweighted
composition operators”**

Jueves 21 de abril de 2016
a las 13:00 horas en el seminario 222

Abstract:

Abstract. This talk follows a recently submitted paper containing a collection of open problems related to composition operators and weighted composition operators acting predominantly on the Hilbert Hardy space of the disc.

Composition operators are operators whose action is by composition to the right with a fixed analytic selfmap of the disc. A composition operator followed by multiplication with a fixed function is called a weighted composition operator. Some of the problems presented are related to the invariant subspaces of composition operators others to spectral theory. All these problems are open to the knowledge of this author, and interesting, in his opinion.