

Actividad Formativa

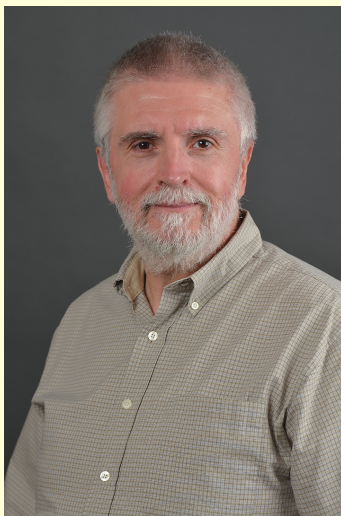
ANUNCIO DE CONFERENCIA

Compact composition operators and Deddens algebras

a cargo de

Srdjan Petrovic

Western Michigan University



ABSTRACT: We consider the Deddens algebras associated to compact composition operators on the Hardy space H^2 on the unit disk. When the compact composition operator corresponds to a function ϕ that satisfies $\phi(0) = 0$ and $\phi'(0) \neq 0$, we show that the lattice of invariant subspaces of this algebra is $\{0\} \cup \{z^n : n \in \mathbb{N}_0\}$. As a consequence, for this class of operators the associated Deddens algebra is weakly dense in the algebra of lower triangular matrices.

Día y hora: lunes, 22 de octubre de 2018, a las 12h30'.

Lugar: Sala académica *Antonio Aizpuru*. Facultad de Ciencias, torre centro, segunda planta. Puerto Real.

Organiza: Programa de Doctorado en Matemáticas.

Financiación: Programa de Doctorado en Matemáticas. Escuela de Doctorado de la Universidad de Cádiz. Grupo FQM257, “Geometría, operadores y series en espacios de Banach”.