COMPOSITION OPERATORS AND FREQUENT HYPERCYCLICITY: LINEAR STRUCTURE

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In this talk we look for a criterion that guarantees the frequent hypercyclicity of a sequence of composition operators defined on the space of holomorphic functions in a complex domain. Additionally, we are interested on the linear structure of the set of its frequent hypercyclic functions and get that the same criterion allows a large algebraic (and topological) size of this set. Results presented here are part of a joint work with Luis Bernal-González and M.Carmen Calderón-Moreno (Universidad de Sevilla) and Andreas Jung (from Universität Trier).