Algebra Seminar

Pandemic fusion systems

BY

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Abstract: During the 80's Puig developed a new approach to the modular representation theory, introducing new p-local invariants and thus extending Green's work on G-algebras. We investigate the Puig category, commenting on its local conditions and then introduce a new notion, namely the pandemic fusion system, which extends the Puig's axioms globally on the G-algebra. Finally we give a sketch of the proof on the existence of a p-permutation FG-module realizing a universal pandemic fusion system.

Date: May 7, 2018 Monday
Time: 10:40+
Place: Mathematics Seminar Room, Bilkent.

Tea and biscuits will be served before the seminar. You are most cordially invited.