

Exposé court

152 *Hecke continued fractions and orders in relative quadratic extensions*

Zeytin, Ayberk (*Université Galatasaray*)

In this talk, we will interpret a classical continued fraction as a(n) (in)finite path on the bipartite Farey tree. We will use a generalization of this interpretation to obtain a correspondence between orders in (relative) quadratic extensions and some combinatorial objects that we call (generalized) çark.