

Paths and the graded representation theory of cyclotomic Hecke algebras

Anton Cox*
City University, Londres, Reino Unido

Abstract

By considering certain diagrammatic Cherednik algebras introduced by Webster, we will show how a theory of paths can be used to investigate the modular representation theory of cyclotomic Hecke algebras. This gives new results even in the classical type A case.

*e-mail: A.G.Cox@city.ac.uk