

Exploring Kohnert's rule for Grothendieck polynomials

Colleen Robichaux
UCLA

Abstract

A 2015 conjecture of Ross and Yong proposes a K-Kohnert rule for Grothendieck polynomials. In this talk we discuss the utility of Kohnert rules then prove a special case of the Ross-Yong conjecture. We then show the conjecture fails in general.