

The SUMO Speaker Series for Undergraduates

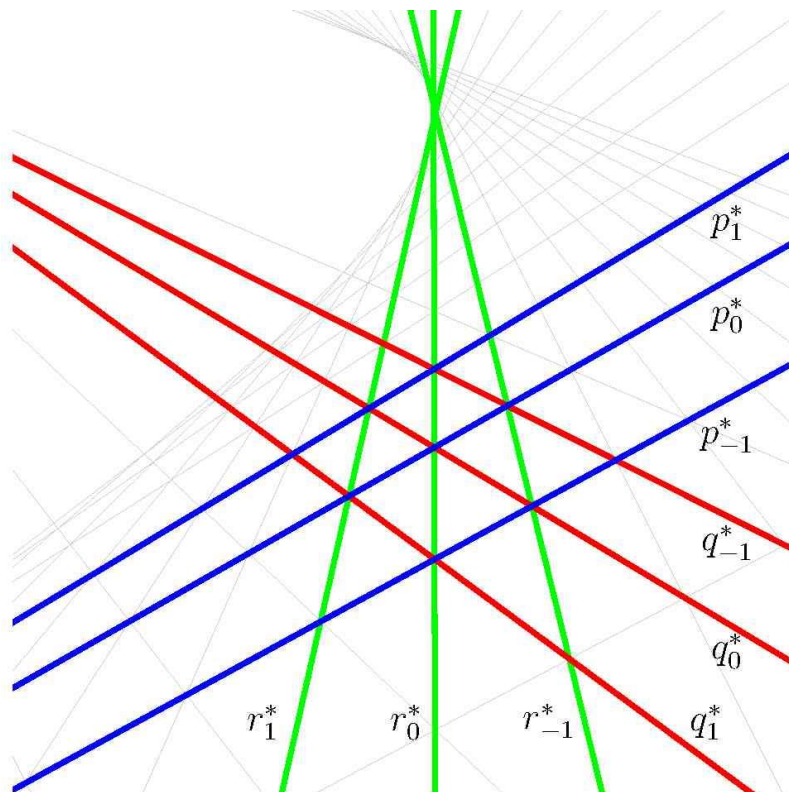
Thursday, February 19th

4:15-5:05, room 380C

(Food Provided)

Zeros of integer linear recurrences

Professor Daniel Litt



Abstract:

Let x_n be a sequence defined by a linear recurrence with integer coefficients. For which n is x_n equal to 0? I will discuss (and prove) the Mahler-Skolem-Lech theorem, which gives a partial answer to this question. I'll also discuss several other (open!) questions about zeroes of integer linear recurrences.

sumo.stanford.edu/speakers