

Berkeley Algebraic Statistics Seminar

Organizer(s): and Andrew Critch and Shaowei Lin

Wednesday, 2:00–3:00pm, 939 Evans

Sep 7 **Damien Mondragon**, UC Berkeley

Implicitization and Tropical Geometry (math for statisticians)

In this talk we'll cover the basic algebraic and tropical geometry necessary for algebraic statistics. We'll discuss algebraic statistical models and see how to use algebraic techniques to implicitize them. Finally if there's time we'll give a brief look at how tropical geometry can be used to attack problems in parametric inference.