

1139-05-162

**Larry Guth\*** ([larryg@mit.edu](mailto:larryg@mit.edu)), 77 Mass Ave, Cambridge, MA 02139. *Introduction to the polynomial method in incidence geometry.*

Over the last decade, the polynomial method has resolved several longstanding problems in incidence geometry. This will be a survey talk, describing some of the methods as well as some challenges and open problems. (Received February 07, 2018)