Syllabus
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Math 299 Undergraduate Research


2. Lecture: TR 9-10:30AM DRL 3N6

3. Office hours: DRL 3N4B, TuTh 11:00-12:00 or by appointment.

4. No textbook. We follow two survey papers:
   - Algebraic combinatorial geometry: the polynomial method in arithmetic combinatorics, incidence combinatorics, and number theory by Terence Tao, link: http://arxiv.org/abs/1310.6482

and some of my papers.

5. What can you learn? Basically, this is a course to introduce you to research. You will encounter the following important parts of research:
   - Reading and understanding papers,
   - Presenting ideas,
   - Asking questions,
   - Working on a project.

If you have any questions/comments/issues/concerns/advises, please come to office hours. I am here to help you. For anonymous feedback: there is a comment box on my website.

6. Grading:
   (a) 10% Class attendance
   - 15% Asking question on Canvas. You will need to ask 3 questions during the course.
   - 75% Final presentation
   (b) Alternatively:
   - 100% Solve one of the projects.

On the last several weeks (4-6 weeks), the students will present several interesting papers.

7. Cheating and other academic misconducts will not be tolerated.