

**GEOMETRIC INEQUALITIES INSPIRED BY ALGEBRAIC
GEOMETRY**

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Time: Wed, Nov. 3, 16:00-17:00

Venue: Tencent Meeting 184 722 527, password: 825882

Abstract: Geometric inequalities reveal relation between different geometric invariants, such as volume, surface area, width, diameter, etc. By the correspondences between convexity and positivity, such as mixed volumes of convex bodies and intersection numbers of divisors, we present a series of new geometric inequalities inspired by positivity results in algebraic and analytic geometry.