

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום רביעי, 1 ביולי, 2026

בשעה 12:30 – 13:30

ב-101 Math

ההרצאה

quasihomogeneous for theorem GAGA singularities

תינתן על-ידי

(IMPA) Verbitsky Misha

תקציר: In 1956, J.-P. Serre published a famous paper "Géométrie algébrique et géométrie analytique" (GAGA), showing that for a complex analytic variety, the sheaves of holomorphic functions are the same as the sheaves of algebraic functions. This result is now known as the GAGA theorem. In this talk, we will discuss the GAGA theorem and its generalizations to singular varieties. We will see how the GAGA theorem is a special case of a more general result known as the GAGA theorem for singular varieties. This result shows that the sheaves of holomorphic functions on a complex analytic variety are the same as the sheaves of algebraic functions on the variety. This result is a fundamental result in the theory of complex varieties and has many applications in algebraic geometry and complex analysis.

אנא שימו לב לשינוי ביום ושעה!