



Analysis Seminar

Title: Moving Planes and Radial Symmetry for Yukawa Integral Equations

Speaker: Changhong Li

Date: Tue 29th September 2026 at 3:00PM

Location: N0.20 - Science North

Abstract: In this talk, we study a nonlinear integral equation involving the Yukawa potential. Using the method of moving planes in integral form, we prove the radial symmetry and monotonicity of the positive solutions of the Yukawa integral equation. The result also applies to positive finite energy solutions.

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