

Boğaziçi
MATH GRAD SEMINAR

**WKB Approximation and Geometric
Quantization**

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Abstract: In this seminar, we will explore the profound connection between the WKB approximation and the framework of Geometric Quantization. Starting with the semiclassical ansatz, we will examine how Lagrangian submanifolds in the cotangent bundle provide a bridge between classical and quantum descriptions.

Date : Tuesday, May 12, 2026

Time: 15:30

Place: TB130