

METU Mathematics General Seminar

Lefschetz Fibrations with Arbitrary Slope

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Abstract

In joint work with Adalet Çengel, we proved that for any real number $r \in (2, 8)$, there exists a genus- g Lefschetz fibration over the two-sphere with large enough genus- g having the slope arbitrarily close to r . In this talk, I am planning to explain this work.

Date: Thursday, 2 April 2026

Time: 15:40

Place: Gündüz İkedâ Seminar Room