

Samuel Eilenberg Lectures

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The Hitchin Fibration and the Fundamental Lemma



This series of lectures will be mainly devoted to a discussion on the proof of the fundamental lemma, conjectured by Langlands and Shelstad, and on the proof, due to Chaudouard and Laumon, of the weighted fundamental lemma conjectured by Arthur. But we will also discuss how different materials like the Hitchin fibration, the geometric Langlands conjecture, and the trace formula can be organized into an attractive perspective.

Fridays, 11 a.m.

520 Mathematics Hall

2990 Broadway at 117th Street

New York City

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