

1077-14-12

Edward Frenkel* (frenkel@math.berkeley.edu). *Langlands Program, Trace Formulas, and their Geometrization, III.*

I will discuss the “geometric trace formulas” and their interpretation in the framework of the categorical version of the Langlands correspondence. The talk is based on my joint work with Robert Langlands and Ngo Bao Chau ([arXiv:1003.4578](https://arxiv.org/abs/1003.4578), [arXiv:1004.5323](https://arxiv.org/abs/1004.5323)). (Received September 19, 2011)