

Kottwitz, Robert E.

Shimura varieties and λ -adic representations. (English) [Zbl 0743.14019](#)

Automorphic forms, Shimura varieties, and L-functions. Vol. I, Proc. Conf., Ann Arbor/MI (USA) 1988, Perspect. Math. 10, 161-209 (1990).

[For the entire collection see [Zbl 0684.00003](#).]

This paper discusses Hasse-Weil zeta-functions of Shimura varieties from the point of view of endoscopy and the stable trace formula.

Reviewer: [R.E.Kottwitz \(Seattle\)](#)

MSC:

- [11G18](#) Arithmetic aspects of modular and Shimura varieties
- [11F70](#) Representation-theoretic methods; automorphic representations over local and global fields
- [11R39](#) Langlands-Weil conjectures, nonabelian class field theory
- [11F72](#) Spectral theory; trace formulas (e.g., that of Selberg)
- [14G10](#) Zeta functions and related questions in algebraic geometry (e.g., Birch-Swinnerton-Dyer conjecture)

Cited in **6** Reviews
Cited in **32** Documents

Keywords:

[Hasse-Weil zeta-functions of Shimura varieties](#); [endoscopy](#); [stable trace formula](#)