

Serre, Jean-Pierre

Abelian ℓ -adic representations and elliptic curves. Reprint. (English) [Zbl 0709.14002](#)

Advanced Book Classics. Redwood City, CA etc.: Addison-Wesley Publishing Company, Inc. xxii, 184 p. (1989).

This reprint differs from the original one (published in 1968 see [Zbl 0186.25701](#)) by the inclusion of short notes giving references to new results, and by a supplementary bibliography which does not claim to be complete. The author gives in the special preface for this reprint-edition some hints about new developments in the field of ℓ -adic representations especially in connection with (1) abelian varieties over number fields, (2) modular forms, and (3) local ground fields.

Reviewer: G.E.Winkler

MSC:

- [14-02](#) Research exposition (monographs, survey articles) pertaining to algebraic geometry
- [14G99](#) Arithmetic problems in algebraic geometry; Diophantine geometry
- [14H52](#) Elliptic curves
- [22E05](#) Local Lie groups

Cited in **1** Review
Cited in **38** Documents

Keywords:

[Bibliography](#); [abelian \$\ell\$ -adic representations](#); [elliptic curves](#)