

**Weil, André**

**On the Riemann hypothesis in function-fields.** (English) Zbl 0061.06406  
Proc. Natl. Acad. Sci. USA 27, 345-347 (1941).

Preliminary announcement of the author's result published in "Sur les courbes algébriques et les variétés qui s'en déduisent." Actualités scientifiques et industrielles. 1041 = Publ. Inst. Math. Univ. Strasbourg 7 (1945). Paris: Hermann (1948) reviewed in [Zbl 0036.16001](#).

For a scan of this review see the [web version](#).

**MSC:**

- 14G10** Zeta functions and related questions in algebraic geometry (e.g., Birch-Swinnerton-Dyer conjecture)
- 14H05** Algebraic functions and function fields in algebraic geometry
- 11R42** Zeta functions and  $L$ -functions of number fields

Cited in **6** Reviews  
Cited in **30** Documents

**Keywords:**

algebraic geometry; Riemann hypothesis; function fields; Severi's algebraic theory of correspondences on algebraic curves

**Full Text:** [DOI](#)