

**Hilbert, David****[Lemmermeyer, Franz; Schappacher, Norbert]****The theory of algebraic number fields. Transl. from the German by Iain T. Adamson. With an introduction by Franz Lemmermeyer and Norbert Schappacher.** (English) [Zbl 0984.11001](#)  
Berlin: Springer. xxxvi, 350 p. (1998).

This is the first English translation (made by I. T. Adamson) of the famous *Zahlbericht* of *David Hilbert* [Jahresber. DMV 4, i-xviii, 175-546 (1897; [JFM 28.0157.05](#))]. The German original has been reprinted in Hilbert's "Gesammelte Abhandlungen", Springer (1932; [Zbl 0004.09801](#); repr. 1970; [Zbl 0195.00401](#)), which contained an exposition of the theory of algebraic number fields and had a great influence on the development of that subject in the 20th century. An introduction written by F. Lemmermeyer and N. Schappacher describes certain aspects of Hilbert's treatise from a modern point of view.

Reviewer: [Władysław Narkiewicz \(Wrocław\)](#)**MSC:**

- [11-02](#) Research exposition (monographs, survey articles) pertaining to number theory
- [11-03](#) History of number theory
- [01A75](#) Collected or selected works; reprintings or translations of classics
- [11Rxx](#) Algebraic number theory: global fields
- [01A55](#) History of mathematics in the 19th century
- [11D41](#) Higher degree equations; Fermat's equation

Cited in **7** Reviews  
Cited in **15** Documents**Keywords:**algebraic numbers; algebraic number fields; [JFM 28.0157.05](#)