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**Algebraic K-theory eventually surjects onto topological K-theory.** (English) Zbl 0501.14013  
*Invent. Math.* 66, 481-491 (1982).

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

**MSC:**

- [14C35](#) Applications of methods of algebraic  $K$ -theory in algebraic geometry
- [55N15](#) Topological  $K$ -theory
- [18F25](#) Algebraic  $K$ -theory and  $L$ -theory (category-theoretic aspects)
- [55S25](#)  $K$ -theory operations and generalized cohomology operations in algebraic topology
- [14F20](#) Étale and other Grothendieck topologies and (co)homologies

Cited in **5** Reviews  
Cited in **11** Documents

**Keywords:**

[algebraic K-theory](#); [topological K-theory](#); [étale cohomology](#)

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

**References:**

- [1] Artin, M., Grothendieck, A., Verdier, J.-L.: *Théorie des topos et cohomologie étale des schémas*. Lecture Notes in Math. Vols. 269, 270, pp. 305. Berlin-Heidelberg-New York: Springer 1972-73
- [2] Bousfield, A.K., Kan, D.M.: *Homotopy limits, completions, and localizations*. Lecture Notes in Math. Vol. 304. Berlin-Heidelberg-New York: Springer 1973 · [Zbl 0259.55004](#)
- [3] Browder, W.: *Algebraic K-theory with coefficients ?/p*. Springer Lecture Notes in Math. Vol. 651, pp. 40-84. Berlin-Heidelberg-New York: Springer 1973
- [4] Deligne, P.: *Cohomologie étale: SGA 4 1/2*. Lecture Notes in Math. Vol. 569. Berlin-Heidelberg-New York: Springer 1977 · [Zbl 0345.00010](#)
- [5] Dwyer, W., Friedlander, E.: *Étale K-theory and arithmetic*, Bull. A.M.S. (in press 1982)
- [6] Friedlander, E.M.: *Étale K-theory I: Connections with étale cohomology and algebraic vector bundles*. *Invent. Math.* 60, 105-134 (1980) · [Zbl 0519.14010](#) · [doi:10.1007/BF01405150](#)
- [7] Friedlander, E.M.: *Étale K-theory II: Connections with algebraic K-theory*. *Ann. Scient. Éc. Norm. Sup.* (in press 1982)
- [8] Friedlander, E.M.: *Étale homotopy of simplicial schemes*. Princeton University Press (in press 1982) · [Zbl 0538.55001](#)
- [9] Fulton, W.: *Riemann-Roch for singular varieties*. Algebraic Geometry: Arcata 1974, Amer. Math. Soc. 1975, pp. 449-457
- [10] Jouanolou, J.P.: *Une suite exacte de Mayer-Vietoris en K-théorie algébrique*. Lecture Notes in Math. Vol. 341, pp. 293-316. Berlin-Heidelberg-New York: Springer 1973
- [11] Snaith, V.: *Algebraic cobordism and K-theory*. *Memoir of the Amer. Math. Soc.* 221, (1979)
- [12] Snaith, V.: *Algebraic K-theory and localized stable homotopy*. (Preprint)
- [13] Soulé, C.: *K-théorie des anneaux d'entiers de corps de nombres et cohomologie étale*. *Invent. Math.* 55, 251-295 (1979) · [Zbl 0437.12008](#) · [doi:10.1007/BF01406843](#)
- [14] Thomason, R.W.: *Algebraic K-theory and étale cohomology*. (Preprint)
- [15] Thomason, R.W.: *Riemann-Roch for algebraic vs. topological K-theory*. (In press 1982)

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