

Gel'fand, I. M.; Fuks, D. B.

Cohomologies of the Lie algebra of tangential vector fields of a smooth manifold. (English. Russian original) [Zbl 0216.20301](#)

Funct. Anal. Appl. 3, 194-210 (1969); translation from *Funkts. Anal. Prilozh.* 3, No. 3, 32-52 (1969).

MSC:

[17B56](#) Cohomology of Lie (super)algebras

[17B66](#) Lie algebras of vector fields and related (super) algebras

[57R32](#) Classifying spaces for foliations; Gelfand-Fuks cohomology

Cited in **5** Reviews
Cited in **10** Documents

Full Text: [DOI](#)

References:

- [1] I. M. Gel'fand and V. B. Fuks, "Cohomologies of the Lie algebra of vector fields on a circumference," *Funkts. Analiz.*,3, No. 4, 92–93 (1968). · [Zbl 0176.11501](#)
- [2] I. M. Gel'fand and V. B. Fuks, "Cohomologies of the Lie algebra of vector fields on a manifold," *Funkts. Analiz.*,3, No. 2, 97 (1969). · [Zbl 0216.20301](#)
- [3] J. Schwartz, "Differential geometry and topology (1967) (mimeograph).
- [4] I. M. Gel'fand and C. E. Shilov, *Generalized Functions*, New York (1961–68).
- [5] L. Schwartz, *Théorie des distributions*, Paris (1952). · [Zbl 0047.34903](#)

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