

**Kac, Victor G.**

**Constructing groups associated to infinite-dimensional Lie algebras.** (English) Zbl 0614.22006  
Infinite dimensional groups with applications, Publ., Math. Sci. Res. Inst. 4, 167-216 (1985).

[For the entire collection see [Zbl 0577.00010](#).]

The article is devoted to the construction of groups associated to complex infinite-dimensional Lie algebras. The main results concern the groups associated to Kac-Moody algebras.

Reviewer: [I.V.Chekalov](#)

**MSC:**

- [22E65](#) Infinite-dimensional Lie groups and their Lie algebras: general properties
- [17B67](#) Kac-Moody (super)algebras; extended affine Lie algebras; toroidal Lie algebras
- [17B65](#) Infinite-dimensional Lie (super)algebras
- [22E60](#) Lie algebras of Lie groups

Cited in **3** Reviews  
Cited in **19** Documents

**Keywords:**

[infinite-dimensional Lie groups](#); [complex infinite-dimensional Lie algebras](#); [Kac-Moody algebras](#)