

Perelomov, A. M.

Generalized coherent states and their applications. (Обобщенные когерентные состояния и их применения.) (Russian) [Zbl 0672.22019](#)

Moskva: Nauka. 270 p. R. 2.50 (1987).

See the review of the English edition (Springer 1986) in [Zbl 0605.22013](#).

MSC:

- [22E70](#) Applications of Lie groups to the sciences; explicit representations
- [22-02](#) Research exposition (monographs, survey articles) pertaining to topological groups
- [81-02](#) Research exposition (monographs, survey articles) pertaining to quantum theory
- [81R30](#) Coherent states
- [22E43](#) Structure and representation of the Lorentz group

Cited in **2** Reviews
Cited in **32** Documents

Keywords:

real Heisenberg nilpotent Lie group; Lorentz group; applications to; physics; noncommutative harmonic analysis; coherent states; oscillator representation; metaplectic group; Maslov index