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Families of translations of commutative algebraic groups. (English) Zbl 0657.14026
J. Algebra 109, 260-265 (1987).

Abstract: It is shown that for certain compactifications of a connected commutative algebraic group G in \mathbb{P}_N the translation by points g of G can be described completely by quadratic forms in such a way, that the forms depend holomorphically on g . This implies that some zero estimates in transcendence theory are effective.

Reviewer: [D.M.Snow](#)

MSC:

[14L30](#) Group actions on varieties or schemes (quotients)
[11J81](#) Transcendence (general theory)

Cited in 7 Documents

Keywords:

[connected commutative algebraic group](#); [translation by points](#); [transcendence theory](#)

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