

**Lange, Herbert**

**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](#)

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

**References:**

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