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On the Griffiths group of the cubic sevenfold. (English) Zbl 0803.14022
Math. Ann. 299, No. 4, 715-726 (1994).

In this paper we prove that the Griffiths group of a general cubic sevenfold is not finitely generated, even when tensored with \mathbb{Q} . Using this result and a theorem of Nori, we provide examples of varieties which have some Griffiths group not finitely generated but whose corresponding intermediate Jacobian is trivial.

Reviewer: [A.Albano \(Torino\)](#)

MSC:

14J40 n -folds ($n > 4$)
14K30 Picard schemes, higher Jacobians
14C15 (Equivariant) Chow groups and rings; motives
14C30 Transcendental methods, Hodge theory (algebraic-geometric aspects)

Cited in **2** Reviews
Cited in **5** Documents

Keywords:

intermediate Jacobian; not finitely generated Griffiths group; Griffiths group of a general cubic sevenfold

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

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