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Nef vector bundles on a projective space with first Chern class 3 and second Chern class 8.
(English) [Zbl 1402.14025](#)
[Matematiche 72, No. 2, 69-81 \(2017\)](#).

Summary: We describe nef vector bundles on a projective space with first Chern class three and second Chern class eight over an algebraically closed field of characteristic zero by giving them a minimal resolution in terms of a full strong exceptional collection of line bundles.

MSC:

14F05 Sheaves, derived categories of sheaves, etc. (MSC2010)

14J60 Vector bundles on surfaces and higher-dimensional varieties, and their moduli

Cited in **3** Documents

Keywords:

[nef vector bundles](#); [Fano bundles](#); [spectral sequence](#)

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

References:

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- [2] Masahiro Ohno. Nef vector bundles on a projective space or a hyperquadric with the first Chern class small. *arXiv:1409.4191*, 2014. · [Zbl 1408.14133](#)
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- [4] Masahiro Ohno and Hiroyuki Terakawa. A spectral sequence and nef vector bundles of the first Chern class two on hyperquadrics. *Ann. Univ. Ferrara Sez. VII Sci. Mat.*, 60(2):397–406, 2014. MASAHIRO OHNO Graduate School of Informatics and Engineering, The University of Electro-Communications, Chofu-shi, Tokyo, 182-8585 Japan e-mail: masahiro-ohno@uec.ac.jp · [Zbl 1408.14133](#)

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