

Furushima, Mikio

Non-projective compactifications of \mathbb{C}^3 . I. (English) Zbl 0886.32021
Kyushu J. Math. 50, No. 1, 221-239 (1996).

The author determines the singular Fano compactifications (V, A) of \mathbb{C}^3 with index $r = 2$. In fact, it is shown that $(V, A) \cong (V_4, H_4)$, where V_4 is a complete intersection of two quadrics in \mathbb{P}^5 with exactly one small Gorenstein singularity p , and H_4 is a non-normal hyperplane section of V_4 which is a non-normal cone over a nodal curve in \mathbb{P}^3 of degree 4.

Reviewer: [R.A.Hidalgo \(Valparaiso\)](#)

MSC:

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