

Arnold, Jimmy T.

Krull dimension in power series rings. (English) Zbl 0262.13007
Trans. Am. Math. Soc. 177, 299-304 (1973).

For a scan of this review see the [web version](#).

MSC:

13J05 Power series rings

13C15 Dimension theory, depth, related commutative rings (catenary, etc.)

Cited in **11** Reviews
Cited in **50** Documents

Full Text: [DOI](#)

References:

- [1] J. T. Arnold and J. W. Brewer, When $(\mathcal{O}_x)_{\mathfrak{m}}$ is a valuation ring, Proc. Amer. Math. Soc. 37 (1973), 326 – 332. · [Zbl 0252.13008](#) ·
- [2] David E. Fields, Zero divisors and nilpotent elements in power series rings, Proc. Amer. Math. Soc. 27 (1971), 427 – 433. · [Zbl 0219.13023](#) ·
- [3] David E. Fields, Dimension theory in power series rings, Pacific J. Math. 35 (1970), 601 – 611. · [Zbl 0192.38701](#)
- [4] Robert W. Gilmer, Multiplicative ideal theory, Queen’s Papers in Pure and Applied Mathematics, No. 12, Queen’s University, Kingston, Ont., 1968. · [Zbl 0155.36402](#)
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- [6] A. Seidenberg, A note on the dimension theory of rings, Pacific J. Math. 3 (1953), 505 – 512. · [Zbl 0052.26902](#)
- [7] A. Seidenberg, On the dimension theory of rings. II, Pacific J. Math. 4 (1954), 603 – 614. · [Zbl 0057.26802](#)

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