

Takens, Floris

Normal forms for certain singularities of vectorfields. (English) Zbl 0266.34046
Ann. Inst. Fourier 23, No. 2, 163-195 (1973).

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

MSC:

- 34C05** Topological structure of integral curves, singular points, limit cycles of ordinary differential equations
- 58D99** Spaces and manifolds of mappings (including nonlinear versions of 46Exx)
- 37-XX** Dynamical systems and ergodic theory

Cited in **6** Reviews
Cited in **90** Documents

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

References:

- [1] J. DIEUDONNÉ, Foundations of modern analysis, Acad. Press, New York, 1960. · [Zbl 0100.04201](#)
- [2] S. KOBAYASHI and K. NOMIZU, Foundations of differential geometry vol. 1, Interscience, New York, 1963. · [Zbl 0119.37502](#)
- [3] R. NARASIMHAN, Analysis on real and complex manifolds, North-Holland, Amsterdam, 1968. · [Zbl 0188.25803](#)
- [4] S. STERNBERG, Local contractions and a theorem of Poincaré, *Amer. J. Math.* vol. LXXIX (1957), 809-824. · [Zbl 0080.29902](#)
- [5] F. TAKENS, Singularities of vectorfields, to appear in *Publ. I. H. E. S.* · [Zbl 0279.58009](#)
- [6] F. TAKENS, Derivations of vectorfields, to appear in *Comp. Math.* · [Zbl 0258.58005](#)

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