

# Elements of applied bifurcation theory

Springer - Elements of applied bifurcation theory (1995 edition)



Description: -

- Bifurcation theory. Elements of applied bifurcation theory

- Memorias (Universidad Externado de Colombia)  
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**Elements of Applied Bifurcation Theory / Edition 3 by Yuri Kuznetsov**

But, the book does more than this. Dynamical Systems and Bifurcations of Vector Fields , 2nd ed.

**Elements of applied bifurcation theory (1995 edition)**

Each chapter contains illustrative examples mostly derived from recent research papers, notably in the biological sciences.

**Review of "Elements of Applied Bifurcation Theory" by Yu. A. Kuznetsov**

To solve these problems methods of Poincaré map construction, frequency methods, synthesis of Lyapunov direct methods and bifurcation theory elements are applied.

**Elements of Applied Bifurcation Theory by Yuri A. Kuznetsov**

These both give some historical background sometimes redressing imbalances with regard to the Russian literature and also provide references to recent results which are beyond the scope of the book.

**Elements of Applied Bifurcation Theory by Yuri A. Kuznetsov**

Therefore, only a moderate mathematical background in geometry, linear algebra, analysis, and differential equations is required.

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