

# Universal families and hypercyclic operators: a bibliography<sup>1</sup>

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The bibliography is an updated version of the bibliography that appeared in

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We have only included those new publications that have already been indexed by Math-SciNet or by Zentralblatt MATH.

Each entry in the bibliography is classified according to the following classification scheme:

## Part I. General theory

- 1 Universality
- 2 Hypercyclic and chaotic operators
- 3 Supercyclic operators
- 4 Hypercyclic, supercyclic and chaotic semigroups
- 5 Related topics

## Part II. Specific universal families and hypercyclic operators

- A ... in real analysis
- B ... in complex and harmonic function theory
- C ... in functional analysis
- D ... in applied mathematics (physics, biology, ...)
- E Universal zeta-functions

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