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### DESCRIPTION

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The *Journal of Approximation Theory* is devoted to advances in **pure** and **applied approximation theory** and related areas. These areas include, among others:

- Classical approximation
- Abstract approximation
- Constructive approximation
- Degree of approximation
- Fourier expansions
- Interpolation of operators
- General orthogonal systems
- Interpolation and quadratures
- Multivariate approximation
- Orthogonal polynomials
- Padé approximation
- Rational approximation
- Spline functions of one and several variables
- Approximation by radial basis functions in Euclidean spaces, on spheres, and on more general manifolds
- Special functions with strong connections to classical harmonic analysis, orthogonal polynomial, and approximation theory (as opposed to combinatorics, number theory, representation theory, generating functions, formal theory, and so forth)
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- Wavelet Theory and its applications in signal and image processing, and in differential equations with special emphasis on connections between wavelet theory and elements of approximation theory (such as approximation orders, Besov and Sobolev spaces, and so forth)
- Gabor (Weyl-Heisenberg) expansions and sampling theory

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## AUDIENCE

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Mathematicians, pure and applied

## IMPACT FACTOR

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## ABSTRACTING AND INDEXING

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[5] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

Reference to a dataset:

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