

Pl Butzer

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

502
citations

623734

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713466

21
g-index

23
all docs

23
docs citations

23
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	A sampling theorem for duration-limited functions with error estimates. <i>Information and Control</i> , 1977, 34, 55-65.	1.1	61
2	Approximation error of the Whittaker cardinal series in terms of an averaged modulus of smoothness covering discontinuous signals. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 316, 269-306.	1.0	58
3	Jackson and Bernstein-type inequalities for families of commutative operators in Banach spaces. <i>Journal of Approximation Theory</i> , 1972, 5, 308-342.	0.8	50
4	Classical and approximate sampling theorems; studies in the overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	0.8	48
5	On the rate of approximation in the central limit theorem. <i>Journal of Approximation Theory</i> , 1975, 13, 327-340.	0.8	35
6	On quantization, truncation and jitter errors in the sampling theorem and its generalizations. <i>Signal Processing</i> , 1980, 2, 101-112.	3.7	31
7	The sampling theorem, Poisson's summation formula, general Parseval formula, reproducing kernel formula and the Paley-Wiener theorem for bandlimited signals - their interconnections. <i>Applicable Analysis</i> , 2011, 90, 431-461.	1.3	30
8	General theorems on rates of convergence in distribution of random variables II. Applications to the stable limit laws and weak law of large numbers. <i>Journal of Multivariate Analysis</i> , 1978, 8, 202-221.	1.0	26
9	General theorems on rates of convergence in distribution of random variables I. General limit theorems. <i>Journal of Multivariate Analysis</i> , 1978, 8, 181-201.	1.0	21
10	Contributions to the theory of saturation for singular integrals in several variables. I. Proceedings of the Koninklijke Nederlandse Akademie Van Wetenschappen Series A, <i>Indagationes Mathematicae</i> , 1966, 69, 515-531.	0.3	18
11	Central limit theorem and weak law of large numbers with rates for martingales in Banach spaces. <i>Journal of Multivariate Analysis</i> , 1983, 13, 287-301.	1.0	18
12	The Euler-Maclaurin summation formula, the sampling theorem, and approximate integration over the real axis. <i>Linear Algebra and Its Applications</i> , 1983, 52-53, 141-155.	0.9	18
13	Representation and approximation of functions by general singular integrals. Ia. Proceedings of the Koninklijke Nederlandse Akademie Van Wetenschappen Series A, <i>Indagationes Mathematicae</i> , 1960, 63, 1-2.	0.3	17
14	Approximation by Algebraic Convolution Integrals. <i>North-Holland Mathematics Studies</i> , 1979, 35, 71-120.	0.2	17
15	Dyadic calculus and sampling theorems for functions with multidimensional domain I. General theory. <i>Information and Control</i> , 1982, 52, 333-351.	1.1	14
16	Sampling principle for duration-limited signals and dyadic Walsh analysis. <i>Information Sciences</i> , 1978, 14, 93-106.	6.9	12
17	The classical and approximate sampling theorems and their equivalence for entire functions of exponential type. <i>Journal of Approximation Theory</i> , 2014, 179, 94-111.	0.8	10
18	An extension of the dyadic calculus with fractional order derivatives: General theory. <i>Computers and Mathematics With Applications</i> , 1986, 12, 1073-1090.	2.7	7

#	ARTICLE	IF	CITATIONS
19	Linear functionals defined on various spaces of continuous functions on \mathbb{R} . Journal of Approximation Theory, 1975, 13, 451-469.	0.8	5
20	General theorems on ϵ -rates of closeness of two weighted sums of independent Hilbert space valued random variables with applications. Journal of Multivariate Analysis, 1979, 9, 487-510.	1.0	4
21	An extension of the dyadic calculus with fractional order derivatives. Further theory and applications. Computers and Mathematics With Applications, 1986, 12, 921-943.	2.7	2
22	Dyadic calculus and sampling theorems for functions with multidimensional domain II. Applications to dyadic sampling representations. Information and Control, 1982, 52, 352-363.	1.1	0
23	Stable Limit Law and Weak Law of Large Numbers for Hilbert Space with ϵ -Rates. , 1981, , 77-100.		0