

Rudolf Bernd Silbermann

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

367
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1163117

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940533

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Lokale Theorie des Reduktionsverfahrens für Toeplitzoperatoren. <i>Mathematische Nachrichten</i> , 1981, 104, 137-146.	0.8	72
2	Non-commutative Gelfand Theories. , 2011, , .		68
3	Spectral Theory of Approximation Methods for Convolution Equations. , 1995, , .		63
4	Algebras generated by idempotents and the symbol calculus for singular integral operators. <i>Integral Equations and Operator Theory</i> , 1988, 11, 385-419.	0.8	37
5	Index Calculus for Approximation Methods and Singular Value Decomposition. <i>Journal of Mathematical Analysis and Applications</i> , 1998, 225, 401-426.	1.0	22
6	The C*-algebra generated by Toeplitz and Hankel operators with piecewise quasicontinuous symbols. <i>Integral Equations and Operator Theory</i> , 1987, 10, 730-738.	0.8	16
7	Numerical analysis for one-dimensional Cauchy singular integral equations. <i>Journal of Computational and Applied Mathematics</i> , 2000, 125, 395-421.	2.0	14
8	Local theory of the collocation method for the approximate solution of singular integral equations, I. <i>Integral Equations and Operator Theory</i> , 1984, 7, 791-807.	0.8	11
9	A handy formula for the Fredholm index of Toeplitz plus Hankel operators. <i>Indagationes Mathematicae</i> , 2012, 23, 663-689.	0.4	9
10	Asymptotic Moore-Penrose inversion of Toeplitz operators. <i>Linear Algebra and Its Applications</i> , 1997, 256, 219-234.	0.9	8
11	Some results on the invertibility of Toeplitz plus Hankel operators. <i>Annales Academiae Scientiarum Fennicae Mathematica</i> , 2014, 39, 443-461.	0.7	8
12	Asymptotic Moore-Penrose invertibility of singular integral operators. <i>Integral Equations and Operator Theory</i> , 1996, 26, 81-101.	0.8	7
13	The Structure of Some BANACH Algebras Fulfilling a Standard Identity. <i>Mathematische Nachrichten</i> , 1989, 142, 175-180.	0.8	6
14	Banach Algebras Generated by Two Idempotents and One Flip. <i>Mathematische Nachrichten</i> , 2000, 216, 73-94.	0.8	6
15	Structure of Kernels and Cokernels of Toeplitz Plus Hankel Operators. <i>Integral Equations and Operator Theory</i> , 2014, 80, 1-31.	0.8	6
16	Generalized inverses and solution of equations with Toeplitz plus Hankel operators. <i>Boletín De La Sociedad Matemática Mexicana</i> , 2016, 22, 645-667.	0.7	4
17	The Coburn-Simonenko theorem for some classes of Wiener-Hopf plus Hankel operators. <i>Publications De L'Institut Mathématique</i> , 2014, 96, 85-102.	0.2	3
18	Generalized Toeplitz Plus Hankel Operators: Kernel Structure and Defect Numbers. <i>Complex Analysis and Operator Theory</i> , 2016, 10, 1351-1381.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Kernels of a Class of Toeplitz Plus Hankel Operators with Piecewise Continuous Generating Functions. , 2018, , 317-337.		2
20	The invertibility of Toeplitz plus Hankel operators with subordinated operators of even index. Linear Algebra and Its Applications, 2019, 578, 425-445.	0.9	2
21	Invertibility Issues for Toeplitz Plus Hankel Operators and Their Close Relatives. Operator Theory: Advances and Applications, 2021, , 113-156.	0.2	1
22	On the Spectrum of Hilbert Matrix Operator. Integral Equations and Operator Theory, 2021, 93, 1.	0.8	0