

Denis Constaes

List of Publications by Year in descending order

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150
papers

1,402
citations

361388

20
h-index

501174

28
g-index

172
all docs

172
docs citations

172
times ranked

542
citing authors

#	ARTICLE	IF	CITATIONS
1	TAP analysis of single and double peak responses during CO oxidation over Pt. <i>Catalysis Today</i> , 2022, , .	4.4	0
2	The Monogenic Huaâ€“Radon Transform and Its Inverse. <i>Journal of Geometric Analysis</i> , 2022, 32, 1.	1.0	0
3	Over-Equilibrium as a Result of Conservatively-Perturbed Equilibrium (Acyclic and Cyclic) Tj ETQq1 1 0.784314 rgBT /Overlock 2 Tf 50	4.2	2
4	Shadowing Effect in Catalyst Activity: Experimental Observation. <i>ACS Catalysis</i> , 2022, 12, 5455-5463.	11.2	1
5	Experimental verification of conservatively perturbed equilibrium for a complex non-linear chemical reaction. <i>Chemical Engineering Science</i> , 2021, 229, 116008.	3.8	6
6	Transient concentration extremum and conservatively perturbed equilibrium. <i>Chemical Engineering Science</i> , 2021, 231, 116295.	3.8	3
7	ROMS Based Hydrodynamic Modelling Focusing on the Belgian Part of the Southern North Sea. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 58.	2.6	6
8	Three-Factor Kinetic Equation of Catalyst Deactivation. <i>Entropy</i> , 2021, 23, 818.	2.2	4
9	Octonionic Kerzmanâ€“Stein Operators. <i>Complex Analysis and Operator Theory</i> , 2021, 15, 1.	0.6	4
10	Data driven reaction mechanism estimation via transient kinetics and machine learning. <i>Chemical Engineering Journal</i> , 2021, 420, 129610.	12.7	14
11	Spherical coreâ€“shell alumina support particles for model platinum catalysts. <i>Nanoscale</i> , 2021, 13, 4221-4232.	5.6	5
12	Egalitarian Kinetic Models: Concepts and Results. <i>Energies</i> , 2021, 14, 7230.	3.1	2
13	Invariant expressions for linear complex mechanisms: Generalization for polar two-step sub-mechanisms. <i>Chemical Engineering Science</i> , 2020, 211, 115291.	3.8	4
14	Optimizing complexity in the kinetic modelling of integrated flue gas purification for pressurized oxy-combustion. <i>Chemical Engineering Journal</i> , 2020, 383, 122875.	12.7	8
15	Joint kinetics: a new paradigm for chemical kinetics and chemical engineering. <i>Current Opinion in Chemical Engineering</i> , 2020, 29, 83-88.	7.8	3
16	Single-Route Linear Catalytic Mechanism: A New, Kinetico-Thermodynamic Form of the Complex Reaction Rate. <i>Symmetry</i> , 2020, 12, 1748.	2.2	5
17	Perturbed and Unperturbed: Analyzing the Conservatively Perturbed Equilibrium (Linear Case). <i>Entropy</i> , 2020, 22, 1160.	2.2	4
18	Probability theory for inverse diffusion: Extracting the transport/kinetic time-dependence from transient experiments. <i>Chemical Engineering Journal</i> , 2020, 402, 125985.	12.7	4

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19	Invariant expressions for linear complex mechanisms: Single-step substance case. Chemical Engineering Science, 2020, 219, 115587.	3.8	1
20	Solutions for the L�vy-Leblond or parabolic Dirac equation and its generalizations. Journal of Mathematical Physics, 2020, 61, 011509.	1.1	1
21	New Invariant Expressions in Chemical Kinetics. Entropy, 2020, 22, 373.	2.2	5
22	The gravity database for Belgium. Geoscience Data Journal, 2019, 6, 116-125.	4.4	1
23	Rate/Concentration Kinetic Petals: A Transient Method to Examine the Interplay of Surface Reaction Processes. Journal of Physical Chemistry A, 2019, 123, 8717-8725.	2.5	6
24	Methods for determining the intrinsic kinetic characteristics of irreversible adsorption processes. Chemical Engineering Science, 2019, 207, 344-351.	3.8	4
25	Swapping the equilibrium. Chemical Engineering Science, 2019, 205, 165-173.	3.8	4
26	Conservatively Perturbed Equilibrium (CPE) in chemical kinetics. Chemical Engineering Science, 2019, 196, 384-390.	3.8	21
27	The switching point between kinetic and thermodynamic control. Computers and Chemical Engineering, 2019, 125, 606-611.	3.8	7
28	Complex reaction network generation for Steady State Isotopic Transient Kinetic Analysis: Fischer-Tropsch Synthesis. Computers and Chemical Engineering, 2019, 125, 594-605.	3.8	4
29	A COMPARATIVE STUDY OF MULTI OBJECTIVE OPTIMIZATION ALGORITHMS FOR A CELLULAR AUTOMATA MODEL. Revista Mexicana De Ingeniera Quimica, 2019, 19, 299-311.	0.4	4
30	Population Balances Involving Aggregation and Breakage Through Homotopy Approaches. International Journal of Chemical Reactor Engineering, 2018, 16, .	1.1	3
31	New invariances for chemical reactions from Scaled Incremental Conversion (SIC). Chemical Engineering Science, 2018, 184, 25-32.	3.8	13
32	Gateway analysis for complex reaction mechanisms: Kinetic Informative Detachable (KID) sub-mechanisms. Chemical Engineering Science, 2018, 178, 183-193.	3.8	6
33	Explicit formulas for the Dunkl dihedral kernel and the (\hat{p}, a) -generalized Fourier kernel. Journal of Mathematical Analysis and Applications, 2018, 460, 900-926.	1.0	34
34	Experimental confirmation of a new invariant for a non-linear chemical reaction. Chemical Engineering Science, 2018, 191, 262-267.	3.8	15
35	Pulse response analysis using the Y-procedure: A data science approach. Chemical Engineering Science, 2018, 192, 46-60.	3.8	12
36	Characteristic times in a three scale model with overlapping domain decomposition. Journal of Computational and Applied Mathematics, 2017, 318, 529-537.	2.0	1

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37	Precise non-steady-state characterization of solid active materials with no preliminary mechanistic assumptions. <i>Catalysis Today</i> , 2017, 298, 203-208.	4.4	11
38	Clifford's Fourier transform on hyperbolic space. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 3666-3675.	2.3	0
39	Estimation of the remaining lifetime of deactivated catalyst via the spatial average catalyst activity illustrated by the water-gas shift and steam methane reforming processes. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 121, 371-385.	1.7	2
40	The kernel of the generalized Clifford-Fourier transform and its generating function. <i>Complex Variables and Elliptic Equations</i> , 2017, 62, 214-229.	0.8	3
41	Complex Reactions. , 2017, , 35-82.		1
42	A new construction of the Clifford-Fourier kernel. <i>Journal of Fourier Analysis and Applications</i> , 2017, 23, 462-483.	1.0	16
43	Mapping the kinetic events in a linear two-step irreversible-reversible reaction mechanism. <i>Chemical Engineering Science</i> , 2017, 158, 370-380.	3.8	13
44	Physicochemical Principles of Simplification of Complex Models. , 2017, , 83-103.		1
45	Advanced Theoretical Analysis in Chemical Engineering. , 2017, , 351-393.		2
46	Optimization of Multizone Configurations. , 2017, , 267-284.		1
47	Chemical Composition and Structure. , 2017, , 9-34.		0
48	Physicochemical Devices and Reactors. , 2017, , 105-157.		0
49	Stability of Chemical Reaction Systems. , 2017, , 221-265.		0
50	Experimental Data Analysis. , 2017, , 285-306.		8
51	Rate-Reactivity Model: A New Theoretical Basis for Systematic Kinetic Characterization of Heterogeneous Catalysts. <i>International Journal of Chemical Kinetics</i> , 2016, 48, 304-317.	1.6	14
52	Independence of the Final Catalyst Activity Profile on the Details of Reactant Admission. <i>Mathematical Modelling of Natural Phenomena</i> , 2015, 10, 119-125.	2.4	2
53	New Patterns in Steady-State Chemical Kinetics: Intersections, Coincidences, Map of Events (Two-Step) T_j ETQq1 1,0,784314,rgBT /O	2.2	19
54	When the final catalyst activity profile depends only on the total amount of admitted substance: Theoretical proof. <i>AIChE Journal</i> , 2015, 61, 31-34.	3.6	4

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55	Characteristic times for multiscale diffusion of active ingredients in coated textiles. <i>Journal of Computational and Applied Mathematics</i> , 2015, 289, 426-432.	2.0	1
56	A generalized cellular automata approach to modeling first order enzyme kinetics. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2015, 40, 411-423.	1.3	2
57	Microkinetics for toluene total oxidation over CuO/CeO ₂ /Al ₂ O ₃ . <i>Catalysis Today</i> , 2015, 258, 214-224.	4.4	15
58	Predicting kinetic dependences and closing the balance: Wei and Prater revisited. <i>Chemical Engineering Science</i> , 2015, 123, 328-333.	3.8	10
59	Reverse generalized Bessel matrix differential equation, polynomial solutions, and their properties. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 1005-1013.	2.3	17
60	A volume averaging and overlapping domain decomposition technique to model mass transfer in textiles. <i>Journal of Computational and Applied Mathematics</i> , 2015, 275, 456-464.	2.0	5
61	A Compact Cauchy-Kovalevskaya Extension Formula in Discrete Clifford Analysis. <i>Advances in Applied Clifford Algebras</i> , 2014, 24, 1005-1010.	1.0	2
62	Hadamard three-hyperballs type theorem and overconvergence of special monogenic simple series. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 412, 426-434.	1.0	12
63	Experimental and modeling studies on microwave-assisted extraction of mangiferin from <i>Curcuma amada</i> . <i>3 Biotech</i> , 2014, 4, 107-120.	2.2	13
64	An improved cellular automata model of enzyme kinetics based on genetic algorithm. <i>Chemical Engineering Science</i> , 2014, 110, 105-118.	3.8	2
65	The C-matrix: Augmentation and reduction in the analysis of chemical composition and structure. <i>Chemical Engineering Science</i> , 2014, 110, 164-168.	3.8	13
66	Elucidating complex catalytic mechanisms based on transient pulse-response kinetic data. <i>Chemical Engineering Science</i> , 2014, 110, 20-30.	3.8	26
67	A new class of hypercomplex analytic cusp forms. <i>Transactions of the American Mathematical Society</i> , 2013, 365, 811-835.	0.9	3
68	Intersections and coincidences in chemical kinetics: Linear two-step reversible/irreversible reaction mechanism. <i>Computers and Mathematics With Applications</i> , 2013, 65, 1614-1624.	2.7	19
69	Independence of active substance profiles from the pulse response experimental procedure. <i>AIChE Journal</i> , 2013, 59, 3574-3577.	3.6	5
70	On Dirichlet Type Problems of Polynomial Dirac Equations with Boundary Conditions. <i>Results in Mathematics</i> , 2013, 64, 193-213.	0.8	1
71	The Fourier expansion of the hypermonogenic generalized trigonometric and elliptic functions. <i>Journal of Number Theory</i> , 2013, 133, 1991-2004.	0.4	0
72	Momentary Equilibrium in Transient Kinetics and Its Application for Estimating the Concentration of Catalytic Sites. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 15417-15427.	3.7	16

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73	Implementation of Homotopy Perturbation Method to Solve a Population Balance Model in Fluidized Bed. International Journal of Chemical Reactor Engineering, 2013, 11, 271-282.	1.1	3
74	The $\frac{1}{4}$ -th root base of non-algebraic simple base of polynomials in Clifford setting. , 2012, , .		0
75	Deduction of connectivity features of pseudomonomolecular reaction networks from thin-zone-TAP-data. Chemical Engineering Science, 2012, 83, 39-49.	3.8	4
76	Applying the direct quadrature method of moments to improve multiphase FCC riser reactor simulation. Chemical Engineering Science, 2012, 83, 93-109.	3.8	35
77	Thermodynamic time invariances for dual kinetic experiments: Nonlinear single reactions and more. Chemical Engineering Science, 2012, 73, 20-29.	3.8	25
78	Reciprocal relations between kinetic curves. Europhysics Letters, 2011, 93, 20004.	2.0	36
79	Thermodynamic time-invariances: Theory of TAP pulse-response experiments. Chemical Engineering Science, 2011, 66, 4683-4689.	3.8	20
80	The Y-Procedure methodology for the interpretation of transient kinetic data: Analysis of irreversible adsorption. Chemical Engineering Science, 2011, 66, 6441-6452.	3.8	31
81	Equilibrium relationships for non-equilibrium chemical dependencies. Chemical Engineering Science, 2011, 66, 111-114.	3.8	40
82	Wimanâ€™Valiron theory for the Diracâ€™Hodge equation on upper half-space of $\langle \text{mml:math altimg= "si1.gif" overflow= "scroll" xmlns:xocs= "http://www.elsevier.com/xml/xocs/dtd" xmlns:xs= "http://www.w3.org/2001/XMLSchema" xmlns:xsi= "http://www.w3.org/2001/XMLSchema-instance" xmlns= "http://www.elsevier.com/xml/ja/dtd" xmlns:ja= "http://www.elsevier.com/xml/ja/dtd" xmlns:mml= "http://www.w3.org/1998/Math/MathML" xmlns:tb= "http://www.elsevier.com/xml/common/table/dtd" xmlns:sb= "http://www.elsevier.com/xml/co$	1.0	1
83	Fock spaces, Landau operators and the time-harmonic Maxwell equations. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 135303.	2.1	9
84	On generalized Helmholtz type equations in concentric annular domains in \mathbb{R}^3 . Mathematical Methods in the Applied Sciences, 2010, 33, 431-438.	2.3	2
85	Explicit Formulas for the Greenâ€™s Function and the Bergman Kernel for Monogenic Functions in Annular Shaped Domains in \mathbb{R}^{n+1} . Results in Mathematics, 2010, 58, 173-189.	0.8	1
86	Basics of a generalized Wimanâ€™Valiron theory for monogenic Taylor series of finite convergence radius. Mathematische Zeitschrift, 2010, 266, 665-681.	0.9	1
87	Coincidences in chemical kinetics: Surprising news about simple reactions. Chemical Engineering Science, 2010, 65, 6065-6076.	3.8	34
88	Identifiability of rate coefficients in linear reaction networks from isothermal transient experimental data. Chemical Engineering Science, 2010, 65, 2333-2343.	3.8	7
89	Constructing three-dimensional mappings onto the unit sphere with the hypercomplex Szegâ€™ kernel. Journal of Computational and Applied Mathematics, 2010, 233, 2884-2901.	2.0	0
90	Dirac type operators for spin manifolds associated to congruence subgroups of generalized modular groups. Journal Fur Die Reine Und Angewandte Mathematik, 2010, 2010, 1-19.	0.9	8

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91	On a Generalization of Valiron's Inequality for k -hypermonogenic Functions on Upper Half-Space. , 2010, , .		0
92	On the Growth Behavior of Hypermonogenic Functions on Upper Half-Space. , 2009, , .		1
93	Explicit representations of the regular solutions to the time-harmonic Maxwell equations combined with the radial symmetric Euler operator. Mathematical Methods in the Applied Sciences, 2009, 32, 1-11.	2.3	4
94	Multi-periodic eigensolutions to the Dirac operator and applications to the generalized Helmholtz equation on flat cylinders and on the n -torus. Mathematical Methods in the Applied Sciences, 2009, 32, 2050-2070.	2.3	6
95	Explicit representations of solutions to polynomial Dirac equations in the annulus of the unit ball in \mathbb{R}^n . Journal of Mathematical Analysis and Applications, 2009, 353, 1-11.	1.0	6
96	A new approach to diagnostics of ideal and non-ideal flow patterns: I. The concept of reactive-mixing index (REMI) analysis. Chemical Engineering Science, 2009, 64, 4875-4883.	3.8	10
97	Second-order statistical regression and conditioning of replicate transient kinetic data. Chemical Engineering Science, 2008, 63, 1850-1865.	3.8	10
98	On rotationally symmetric Dirac equations and hypergeometric functions I. Archiv Der Mathematik, 2008, 90, 440-449.	0.5	2
99	On the Navier-Stokes equations with free convection in three-dimensional unbounded triangular channels. Mathematical Methods in the Applied Sciences, 2008, 31, 735-751.	2.3	8
100	Applications of the maximum term and the central index in the asymptotic growth analysis of entire solutions to higher dimensional polynomial Cauchy-Riemann equations. Complex Variables and Elliptic Equations, 2008, 53, 195-213.	0.8	10
101	On the Navier-Stokes Equations with Free Convection in 3D Triangular Symmetric Channels. AIP Conference Proceedings, 2007, , .	0.4	0
102	On the Role of Hypergeometric Functions in Dirac Type Equations. AIP Conference Proceedings, 2007, , .	0.4	0
103	Growth Orders of Monogenic Functions in the Ball. AIP Conference Proceedings, 2007, , .	0.4	1
104	Noise in temporal analysis of products (TAP) pulse responses. Catalysis Today, 2007, 121, 269-281.	4.4	21
105	The Y-procedure: How to extract the chemical transformation rate from reaction-diffusion data with no assumption on the kinetic model. Chemical Engineering Science, 2007, 62, 6754-6767.	3.8	47
106	Assessment of filtered gas-solid momentum transfer models via a linear wave propagation speed test. International Journal of Multiphase Flow, 2007, 33, 616-637.	3.4	2
107	k -Hypermonogenic automorphic forms. Journal of Number Theory, 2007, 126, 254-271.	0.4	9
108	On the relation between the growth and the Taylor coefficients of entire solutions to the higher-dimensional Cauchy-Riemann system in \mathbb{R}^n . Journal of Mathematical Analysis and Applications, 2007, 333, 1-11.	1.0	20

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109	On the growth type of entire monogenic functions. Archiv Der Mathematik, 2007, 88, 153-163.	0.5	14
110	Computation and sensitivity analysis of the pricing of American call options. Applied Mathematics and Computation, 2006, 176, 302-307.	2.2	2
111	Multi-zone TAP-reactors theory and application IV. Ideal and non-ideal boundary conditions. Chemical Engineering Science, 2006, 61, 1878-1891.	3.8	19
112	On the role of arbitrary order Bessel functions in higher dimensional Dirac type equations. Archiv Der Mathematik, 2006, 87, 468-477.	0.5	8
113	Bergman spaces of higher-dimensional hyperbolic polyhedron-type domains I. Mathematical Methods in the Applied Sciences, 2006, 29, 85-98.	2.3	8
114	Further results on the asymptotic growth of entire solutions of iterated Dirac equations in \mathbb{R}^n . Mathematical Methods in the Applied Sciences, 2006, 29, 537-556.	2.3	6
115	On Cauchy estimates and growth orders of entire solutions of iterated Dirac and generalized Cauchy-Riemann equations. Mathematical Methods in the Applied Sciences, 2006, 29, 1663-1686.	2.3	21
116	The Bergman Kernels for the half-ball and for fractional wedge-shaped domains in Clifford Analysis. Forum Mathematicum, 2005, 17, .	0.7	7
117	Hilbert Spaces of Solutions to Polynomial Dirac Equations, Fourier Transforms and Reproducing Kernel Functions for Cylindrical Domains. Zeitschrift Fur Analysis Und Ihre Anwendung, 2005, 24, 611-636.	0.6	16
118	Multi-zone TAP-reactors theory and application. III Multi-response theory and criteria of instantaneousness. Chemical Engineering Science, 2004, 59, 3725-3736.	3.8	22
119	The square root base of polynomials in Clifford analysis. Archiv Der Mathematik, 2003, 80, 486-495.	0.5	12
120	On the convergence properties of basic series representing special monogenic functions. Archiv Der Mathematik, 2003, 81, 62-71.	0.5	10
121	On the order of basic series representing Clifford valued functions. Applied Mathematics and Computation, 2003, 142, 575-584.	2.2	22
122	Delaunay Triangulation Algorithms Useful for Multibeam Echosounding. Journal of Surveying Engineering, - ASCE, 2003, 129, 79-84.	1.7	30
123	Similar functions and similar bases of polynomials in clifford setting. Complex Variables and Elliptic Equations, 2003, 48, 1055-1070.	0.2	3
124	CLOSED FORMULAS FOR SINGLY-PERIODIC MONOGENIC COTANGENT, COSECANT AND COSECANT-SQUARED FUNCTIONS IN CLIFFORD ANALYSIS. Journal of the London Mathematical Society, 2003, 67, 401-416.	1.0	3
125	A precise numerical scheme for contaminant transport in dual-well flow. Water Resources Research, 2003, 39, .	4.2	14
126	On the convergence properties of basic series representing Clifford valued functions. International Journal of Mathematics and Mathematical Sciences, 2003, 2003, 717-726.	0.7	0

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127	Parameter identification by a single injection-extraction well. <i>Inverse Problems</i> , 2002, 18, 1605-1620.	2.0	11
128	Multi-Scale Problems in the Quantitative Characterization of Complex Catalytic Materials. <i>Systems Analysis Modelling Simulation</i> , 2002, 42, 1143-1166.	0.1	7
129	Szegő and Polymonogenic Bergman Kernels for Half-Space and Strip Domains, and Single-Periodic Functions in Clifford Analysis. <i>Complex Variables and Elliptic Equations</i> , 2002, 47, 349-360.	0.2	17
130	Representation Formulas for the General Derivatives of the Fundamental Solution to the Cauchy-Riemann Operator in Clifford Analysis and Applications. <i>Zeitschrift Fur Analysis Und Ihre Anwendung</i> , 2002, 21, 579-597.	0.6	13
131	Bergman kernels for rectangular domains and multiperiodic functions in Clifford analysis. <i>Mathematical Methods in the Applied Sciences</i> , 2002, 25, 1509-1526.	2.3	24
132	On the optimal cooling strategy for variable-speed continuous casting. <i>International Journal for Numerical Methods in Engineering</i> , 2002, 53, 539-565.	2.8	12
133	Effect of surface nonuniformity on the kinetics of simultaneous adsorption of SO ₂ -NO over Na ⁺ - ¹³ -Al ₂ O ₃ sorbent: a coverage-dependent stoichiometry. <i>Chemical Engineering Science</i> , 2002, 57, 1909-1922.	3.8	9
134	Models for irreducible representations of Spin(m). <i>Advances in Applied Clifford Algebras</i> , 2001, 11, 271-289.	1.0	41
135	Multi-zone TAP-reactors theory and application: I. The global transfer matrix equation. <i>Chemical Engineering Science</i> , 2001, 56, 133-149.	3.8	40
136	Multi-zone TAP-reactors theory and application: II. The three-dimensional theory. <i>Chemical Engineering Science</i> , 2001, 56, 1913-1923.	3.8	20
137	Determination of Soil Parameters via the Solution of Inverse Problems in Infiltration. <i>Computational Geosciences</i> , 2001, 5, 25-46.	2.4	18
138	Subtracting Square Roots Repeatedly: 10568. <i>American Mathematical Monthly</i> , 1999, 106, 167.	0.3	0
139	A Closed Formula for the Moore-Penrose Generalized Inverse of a Complex Matrix of Given Rank. <i>Acta Mathematica Hungarica</i> , 1998, 80, 83-88.	0.5	9
140	Sharp Bounds for the Discrete Analogue of a Gronwall-Type Inequality. <i>Acta Mathematica Hungarica</i> , 1998, 80, 325-334.	0.5	1
141	A Condition for Commutativity: 10548. <i>American Mathematical Monthly</i> , 1998, 105, 868.	0.3	0
142	The Remainder in the Logarithm Series: 10539. <i>American Mathematical Monthly</i> , 1998, 105, 77.	0.3	0
143	Beke's Functional Equation: 10559. <i>American Mathematical Monthly</i> , 1998, 105, 183.	0.3	0
144	The relative position of L ₂ domains in Clifford Analysis. , 1992, , 205-214.		0

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145	The Bergman and Szegő Kernels for Separately Monogenic Functions. Zeitschrift Fur Analysis Und Ihre Anwendung, 1990, 9, 97-103.	0.6	8
146	Basic sets of polynomials in clifford analysis. Complex Variables and Elliptic Equations, 1990, 14, 177-185.	0.2	42
147	Prototypes for the automatic translation of computer algebra languages. Lecture Notes in Computer Science, 1990, , 272-273.	1.3	2
148	On the harmonic and monogenic decomposition of polynomials. Journal of Symbolic Computation, 1989, 8, 297-304.	0.8	9
149	Chemical Reactions and Complexity. , 0, , 17-28.		0
150	Phenomenon of persistent equilibrium in some diffusion and reaction systems. Reaction Kinetics, Mechanisms and Catalysis, 0, , 1.	1.7	0