

David E Dobbs

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On almost valuation ring pairs. <i>Journal of Algebra and Its Applications</i> , 2021, 20, .	0.4	1
2	A minimal ring extension of a large finite local prime ring is probably ramified. <i>Journal of Algebra and Its Applications</i> , 2020, 19, 2050015.	0.4	3
3	Normal pairs of noncommutative rings. <i>Ricerche Di Matematica</i> , 2020, 69, 95-109.	1.0	1
4	On the nature and number of isomorphism classes of the minimal ring extensions of a finite commutative ring. <i>Communications in Algebra</i> , 2020, 48, 3811-3833.	0.6	2
5	Characterizing finite fields via minimal ring extensions. <i>Communications in Algebra</i> , 2019, 47, 4945-4957.	0.6	3
6	Strongly Divided Pairs of Integral Domains. <i>Trends in Mathematics</i> , 2019, , 63-92.	0.1	1
7	Trivial extensions satisfying certain valuation-like properties. <i>Communications in Algebra</i> , 2019, 47, 2060-2077.	0.6	9
8	On the smoothness condition in Euler's theorem on homogeneous functions. <i>International Journal of Mathematical Education in Science and Technology</i> , 2018, 49, 1250-1259.	1.4	2
9	Certain towers of ramified minimal ring extensions of commutative rings. <i>Communications in Algebra</i> , 2018, 46, 3461-3495.	0.6	6
10	Subsets of fields whose n -th root functions are rational functions. <i>International Journal of Mathematical Education in Science and Technology</i> , 2018, 49, 948-958.	1.4	0
11	The rings with identity whose additive subgroups are one-sided ideals. <i>International Journal of Mathematical Education in Science and Technology</i> , 2017, 48, 774-781.	1.4	0
12	Commutative rings and modules that are Nil^* -coherent or special Nil^* -coherent. <i>Journal of Algebra and Its Applications</i> , 2017, 16, 1750187.	0.4	4
13	Why the n -th root function is not a rational function. <i>International Journal of Mathematical Education in Science and Technology</i> , 2017, 48, 1120-1132.	1.4	1
14	Commutative Rings with a Prescribed Number of Isomorphism Classes of Minimal Ring Extensions. , 2017, , 145-158.		3
15	On sums and products of primitive elements. <i>Communications in Algebra</i> , 2017, 45, 357-370.	0.6	1
16	On the Commutative Rings with At Most Two Proper Subrings. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2016, 2016, 1-13.	0.7	8
17	Strongly divided domains. <i>Ricerche Di Matematica</i> , 2016, 65, 127-154.	1.0	2
18	Finite maximal chains of commutative rings. <i>Journal of Algebra and Its Applications</i> , 2015, 14, 1450075.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Transfer Results for the FIP and FCP Properties of Ring Extensions. Communications in Algebra, 2015, 43, 1279-1316.	0.6	12
20	When an Extension of Nagata Rings Has Only Finitely Many Intermediate Rings, Each of Those Is a Nagata Ring. International Journal of Mathematics and Mathematical Sciences, 2014, 2014, 1-13.	0.7	5
21	Catenarian Numbers. Communications in Algebra, 2014, 42, 2603-2623.	0.6	1
22	CHARACTERIZATIONS OF THE INTEGRAL DOMAINS WHOSE OVERRINGS ARE GOING-DOWN DOMAINS. International Electronic Journal of Algebra, 2014, 16, 99-99.	1.1	2
23	On a New Class of Integral Domains with the Portable Property. , 2014, , 119-132.		2
24	On solving linear recurrences. International Journal of Mathematical Education in Science and Technology, 2013, 44, 310-315.	1.4	0
25	On the Strong (A)-Rings of Mahdou and Hassani. Mediterranean Journal of Mathematics, 2013, 10, 1995-1997.	0.8	9
26	Using Cayley's theorem to find the order of a power in a group. International Journal of Mathematical Education in Science and Technology, 2013, 44, 417-423.	1.4	0
27	Using infinite series and complex numbers to derive formulas involving Laplace transforms. International Journal of Mathematical Education in Science and Technology, 2013, 44, 752-761.	1.4	1
28	An elementary proof of a criterion for linear disjointness. International Journal of Mathematical Education in Science and Technology, 2013, 44, 614-617.	1.4	0
29	Transfer of the GPIT Property in Pullbacks. International Journal of Mathematics and Mathematical Sciences, 2012, 2012, 1-6.	0.7	0
30	FINITELY VALUATIVE DOMAINS. Journal of Algebra and Its Applications, 2012, 11, 1250112.	0.4	2
31	Prime Decompositions in Infinite Extensions of Global Fields. Communications in Algebra, 2012, 40, 1260-1267.	0.6	0
32	Detecting prime numbers via roots of polynomials. International Journal of Mathematical Education in Science and Technology, 2012, 43, 381-387.	1.4	0
33	Characterizing the ring extensions that satisfy FIP or FCP. Journal of Algebra, 2012, 371, 391-429.	0.7	46
34	On rank and nullity. International Journal of Mathematical Education in Science and Technology, 2012, 43, 271-283.	1.4	1
35	On Finite Maximal Chains of Weak Baer Going-Down Rings. Communications in Algebra, 2012, 40, 1843-1855.	0.6	1
36	A note on complete rings of quotients and McCoy rings. Rendiconti Del Circolo Matematico Di Palermo, 2012, 61, 393-401.	1.3	0

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37	On bowtie rings, universal survival rings and universal lying-over rings. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2012, 61, 123-131.	1.3	2
38	Polynomial asymptotes of the second kind. <i>International Journal of Mathematical Education in Science and Technology</i> , 2011, 42, 276-282.	1.4	1
39	Numerical semigroups whose fractions are of maximal embedding dimension. <i>Semigroup Forum</i> , 2011, 82, 412-422.	0.6	6
40	NORMAL PAIRS WITH ZERO-DIVISORS. <i>Journal of Algebra and Its Applications</i> , 2011, 10, 335-356.	0.4	16
41	A GENERALIZATION OF PRÄœFER'S ASCENT RESULT TO NORMAL PAIRS OF COMPLEMENTED RINGS. <i>Journal of Algebra and Its Applications</i> , 2011, 10, 1351-1362.	0.4	5
42	On Quadratic Integral Polynomials with only Finitely Many Roots in any Commutative Finite-Dimensional Algebra. <i>Results in Mathematics</i> , 2010, 58, 233-239.	0.8	0
43	Generalizing a limit description of the natural logarithm. <i>International Journal of Mathematical Education in Science and Technology</i> , 2010, 41, 687-691.	1.4	0
44	Polynomial asymptotes. <i>International Journal of Mathematical Education in Science and Technology</i> , 2010, 41, 943-950.	1.4	1
45	VALUATIVE DOMAINS. <i>Journal of Algebra and Its Applications</i> , 2010, 09, 43-72.	0.4	9
46	Straight Rings. <i>Communications in Algebra</i> , 2009, 37, 757-793.	0.6	5
47	GOING-DOWN AND SEMISTAR OPERATIONS. <i>Journal of Algebra and Its Applications</i> , 2009, 08, 83-104.	0.4	3
48	Extensions of Integral Domains with Infinite Chains of Intermediate Rings. <i>Communications in Algebra</i> , 2009, 37, 604-608.	0.6	3
49	On almost-divided domains. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2009, 58, 199-210.	1.3	1
50	On the finiteness of a field-theoretic invariant for commutative rings. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2009, 58, 327-336.	1.3	0
51	Iteration, not induction. <i>International Journal of Mathematical Education in Science and Technology</i> , 2009, 40, 517-523.	1.4	1
52	A Generalization of Divided Domains and Its Connection to Weak Baer Going-Down Rings. <i>Communications in Algebra</i> , 2009, 37, 3553-3572.	0.6	4
53	Pseudo-almost valuation domains are quasilocal going-down domains, but not conversely. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2008, 57, 119-124.	1.3	2
54	The Singly Generated Unital Rings with Only Finitely Many Unital Subrings. <i>Communications in Algebra</i> , 2008, 36, 2638-2653.	0.6	8

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55	Universal Lying-Over Rings. Communications in Algebra, 2008, 36, 2895-2904.	0.6	4
56	Two Examples in the Theory of Fixed Rings. Communications in Algebra, 2008, 36, 1097-1104.	0.6	0
57	A CHARACTERIZATION OF THE COMMUTATIVE UNITAL RINGS WITH ONLY FINITELY MANY UNITAL SUBRINGS. Journal of Algebra and Its Applications, 2008, 07, 601-622.	0.4	5
58	ON MAXIMAL NON-ACCP SUBRINGS. Journal of Algebra and Its Applications, 2007, 06, 873-894.	0.4	12
59	A Sufficient Condition for a Minimal Ring Extension to Be an Overring. Communications in Algebra, 2007, 35, 773-779.	0.6	5
60	Transfer of Krull Dimension, Lying-Over, and Going-Down to the Fixed Ring. Communications in Algebra, 2007, 35, 1227-1247.	0.6	3
61	A classification of the minimal ring extensions of certain commutative rings. Journal of Algebra, 2007, 308, 800-821.	0.7	26
62	Every Commutative Ring Has a Minimal Ring Extension. Communications in Algebra, 2006, 34, 3875-3881.	0.6	32
63	On the well-definedness of the order of an ordinary differential equation. International Journal of Mathematical Education in Science and Technology, 2006, 37, 358-362.	1.4	0
64	A classification of the minimal ring extensions of an integral domain. Journal of Algebra, 2006, 305, 185-193.	0.7	19
65	REFLECTION OF SOME QUASI-LOCAL DOMAINS. Journal of Algebra and Its Applications, 2006, 05, 201-213.	0.4	2
66	A field-theoretic invariant for domains. Rendiconti Del Circolo Matematico Di Palermo, 2005, 54, 396-408.	1.3	1
67	On the FIP Property for Extensions of Commutative Rings. Communications in Algebra, 2005, 33, 3091-3119.	0.6	35
68	Classroom note: Recognizing exponential growth. International Journal of Mathematical Education in Science and Technology, 2004, 35, 153-158.	1.4	0
69	On chain morphisms of commutative rings. Rendiconti Del Circolo Matematico Di Palermo, 2004, 53, 71-84.	1.3	2
70	On a Field-Theoretic Invariant for Extensions of Commutative Rings. Communications in Algebra, 2004, 32, 1295-1305.	0.6	2
71	Almost Integrally Closed Domains. Communications in Algebra, 2004, 32, 3627-3639.	0.6	2
72	A characterization of going-down-ring pairs of commutative rings. Rendiconti Del Circolo Matematico Di Palermo, 2003, 52, 281-284.	1.3	0

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73	Survival-Pairs of Commutative Rings Have the Lying-Over Property. Communications in Algebra, 2003, 31, 259-270.	0.6	5
74	Classroom note: Ahmes expansions of rational numbers of length two. International Journal of Mathematical Education in Science and Technology, 2003, 34, 742-751.	1.4	1
75	Why the square root function is not linear. International Journal of Mathematical Education in Science and Technology, 2002, 33, 742-747.	1.4	3
76	ON THE LENGTHS OF MAXIMAL CHAINS OF INTERMEDIATE FIELDS IN A FIELD EXTENSION. Communications in Algebra, 2001, 29, 4487-4507.	0.6	13
77	Integral domains with almost integral proper overrings. Archiv Der Mathematik, 2001, 76, 182-189.	0.5	1
78	On comparing two chains of numerical semigroups and detecting arf semigroups. Semigroup Forum, 2001, 63, 237-246.	0.6	5
79	Extensions of commutative rings in which trees of prime ideals contract to trees. Rendiconti Del Circolo Matematico Di Palermo, 2001, 50, 259-270.	1.3	1
80	Fragmented domains have infinite Krull dimension. Rendiconti Del Circolo Matematico Di Palermo, 2001, 50, 377-388.	1.3	3
81	ON LOCALLY DIVIDED RINGS AND GOING-DOWN RINGS. Communications in Algebra, 2001, 29, 2805-2825.	0.6	10
82	On characterizations of the ordered field of real numbers. International Journal of Mathematical Education in Science and Technology, 2001, 32, 299-305.	1.4	0
83	ON LOCALLY DIVIDED RINGS AND GOING-DOWN RINGS. Communications in Algebra, 2001, 29, 2805-2825.	0.6	3
84	Lifting chains of prime ideals to paravaluation rings. Rendiconti Del Circolo Matematico Di Palermo, 2000, 49, 319-324.	1.3	2
85	On the Prime Ideals in a Commutative Ring. Canadian Mathematical Bulletin, 2000, 43, 312-319.	0.5	4
86	Lifting trees of prime ideals to bezout extension domains. Communications in Algebra, 1999, 27, 6243-6252.	0.6	4
87	On integral domains with no atoms. Communications in Algebra, 1999, 27, 5813-5831.	0.6	28
88	Commutative Algebras In Which Polynomials Have Infinitely Many Roots. Results in Mathematics, 1999, 36, 252-259.	0.8	2
89	On the prime spectrum of commutative semigroup rings. Communications in Algebra, 1998, 26, 2559-2589.	0.6	4
90	Limits along curves determine limits. International Journal of Mathematical Education in Science and Technology, 1997, 28, 303-315.	1.4	1

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91	Maximality properties in numerical semigroups and applications to one-dimensional analytically irreducible local domains. <i>Memoirs of the American Mathematical Society</i> , 1997, 125, 0-0.	0.9	96
92	Locally henselian going-down domains. <i>Communications in Algebra</i> , 1996, 24, 1621-1635.	0.6	4
93	On t -Spec($R[[X]]$). <i>Canadian Mathematical Bulletin</i> , 1995, 38, 187-195.	0.5	15
94	Weak Normalization of Power Series Rings. <i>Canadian Mathematical Bulletin</i> , 1995, 38, 429-433.	0.5	2
95	Prüfer's ascent result via Inc. <i>Communications in Algebra</i> , 1995, 23, 5413-5417.	0.6	4
96	Commutative rings with homomorphic power functions. <i>International Journal of Mathematics and Mathematical Sciences</i> , 1992, 15, 91-102.	0.7	1
97	Seminormality of complete integral closures. <i>Archiv Der Mathematik</i> , 1992, 59, 417-419.	0.5	1
98	Universally catenarian domains of $D+M$ type, II. <i>International Journal of Mathematics and Mathematical Sciences</i> , 1991, 14, 209-214.	0.7	4
99	On n -flat modules over a commutative ring. <i>Bulletin of the Australian Mathematical Society</i> , 1991, 43, 491-498.	0.5	5
100	A note on strong locally divided domains. <i>Tsukuba Journal of Mathematics</i> , 1991, 15, .	0.1	3
101	t -Linked overrings and Prüfer v -multiplication domains. <i>Communications in Algebra</i> , 1989, 17, 2835-2852.	0.6	96
102	Nearly integral homomorphisms of commutative rings. <i>Bulletin of the Australian Mathematical Society</i> , 1989, 40, 1-12.	0.5	1
103	Universally catenarian integral domains. <i>Advances in Mathematics</i> , 1988, 72, 211-238.	1.1	55
104	Integrally closed factor domains. <i>Bulletin of the Australian Mathematical Society</i> , 1988, 37, 353-366.	0.5	4
105	Going-down underrings. <i>Bulletin of the Australian Mathematical Society</i> , 1987, 36, 503-513.	0.5	4
106	Seminormal rings generated by algebraic integers. <i>Mathematika</i> , 1987, 34, 141-154.	0.5	13
107	Two sufficient conditions for universal catenarity. <i>Communications in Algebra</i> , 1987, 15, 861-872.	0.6	11
108	Coherent mori domains and the principal ideal theorem. <i>Communications in Algebra</i> , 1987, 15, 1119-1156.	0.6	37

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109	Discovering the cosine law via calculus. <i>International Journal of Mathematical Education in Science and Technology</i> , 1986, 17, 623-658.	1.4	1
110	On the Criteria of D.D. Anderson for Invertible and Flat Ideals. <i>Canadian Mathematical Bulletin</i> , 1986, 29, 25-32.	0.5	7
111	Ahmes expansions of formal Laurent series and a class of nonarchimedean integral domains. <i>Journal of Algebra</i> , 1986, 103, 193-201.	0.7	6
112	Integrally Closed Condensed Domains are Bézout. <i>Canadian Mathematical Bulletin</i> , 1985, 28, 98-102.	0.5	5
113	Universally Incomparable Ring-Homomorphisms. <i>Bulletin of the Australian Mathematical Society</i> , 1984, 29, 289-302.	0.5	16
114	Some finiteness and divisibility conditions on the proper overrings of an integral domain. <i>Communications in Algebra</i> , 1984, 12, 1689-1706.	0.6	10
115	Conducive integral domains. <i>Journal of Algebra</i> , 1984, 86, 494-510.	0.7	56
116	Universally going-down integral domains. <i>Archiv Der Mathematik</i> , 1984, 42, 426-429.	0.5	12
117	Universally going-down homomorphisms of commutative rings. <i>Journal of Algebra</i> , 1984, 90, 410-429.	0.7	21
118	A trigonometry-based method for constructing square roots by straightedge and compass. <i>International Journal of Mathematical Education in Science and Technology</i> , 1984, 15, 127-128.	1.4	0
119	On Chain Conditions in Integral Domains. <i>Canadian Mathematical Bulletin</i> , 1984, 27, 351-359.	0.5	30
120	Locally pseudo-valuation domains. <i>Annali Di Matematica Pura Ed Applicata</i> , 1983, 134, 147-168.	1.0	49
121	On the Product of Ideals. <i>Canadian Mathematical Bulletin</i> , 1983, 26, 106-114.	0.5	10
122	On seminormal overrings. <i>Communications in Algebra</i> , 1982, 10, 1421-1448.	0.6	20
123	Lying-Over Pairs of Commutative Rings. <i>Canadian Journal of Mathematics</i> , 1981, 33, 454-475.	0.6	38
124	On locally divided integral domains and CPI-overrings. <i>International Journal of Mathematics and Mathematical Sciences</i> , 1981, 4, 119-135.	0.7	21
125	On flat finitely generated ideals. <i>Bulletin of the Australian Mathematical Society</i> , 1980, 21, 131-135.	0.5	4
126	Pairs of Rings with the Same Prime Ideals. <i>Canadian Journal of Mathematics</i> , 1980, 32, 362-384.	0.6	145

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127	On Inc-Extensions and Polynomials with Unit Content. Canadian Mathematical Bulletin, 1980, 23, 37-42.	0.5	37
128	Ascent and descent of going-down rings for integral extensions. Bulletin of the Australian Mathematical Society, 1976, 15, 253-264.	0.5	15
129	On going-down for simple overrings. III. Proceedings of the American Mathematical Society, 1976, 54, 35-35.	0.8	39
130	Divided rings and going-down. Pacific Journal of Mathematics, 1976, 67, 353-363.	0.5	107
131	On Going Down For Simple Overrings II. Communications in Algebra, 1974, 1, 439-458.	0.6	72
132	On going down for simple overrings. Proceedings of the American Mathematical Society, 1973, 39, 515-519.	0.8	12
133	Certain towers of ramified minimal ring extensions of commutative rings, II. Journal of Algebra and Its Applications, 0, , .	0.4	0