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Publications on finite rings

Document created on June 1, 2018

Most recent update: June 20, 2018

List of publications in chronological order

Rings of Order 4

Question and first solution

David Singmaster

E 1648 [1963, 1099]

Best solution by D. M. Bloom

The American Mathematical Monthly

Volume 71, No. 8, pages 918--920

DOI: 10.2307/2312421

October **1964**

<http://www.jstor.org/stable/2312421>

<https://www.researchgate.net/publication/291051099> E1648

Orders for finite noncommutative rings with unity

K. E. Eldridge

Amer.Math. Monthly, 75, 512--514

1968

Finite associative rings

R. Raghavendran

Compositio Mathematica

Volume 21, issue 2, pages 195--229

1969

http://www.numdam.org/item?id=CM_1969__21_2_195_0

A class of finite rings

R. Raghavendran

Compositio Math., 22, 49--57

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Enumeration of finite commutative chain rings

W. Edwin Clark and Joseph J. Liang

Journal of Algebra

Volume 27, issue 3, pages 445--453

December **1973**

[https://doi.org/10.1016/0021-8693\(73\)90055-0](https://doi.org/10.1016/0021-8693(73)90055-0)

<https://www.sciencedirect.com/science/article/pii/0021869373900550>

Finite Rings with Identity

B. R. Macdonald

January **1974**

https://www.researchgate.net/publication/246194080_Finite_Rings_with_Identity

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R.S. Wilson

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Robert S. Wilson

Pacific Journal of Mathematics 53(2)

DOI: 10.2140/pjm.1974.53.643

August **1974**

https://www.researchgate.net/publication/38344501_Representations_of_finite_rings

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D. MacHale

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The Mathematical Gazette,

Volume 64, issue 427, pages 9–22

DOI: 10.2307/3615885

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<http://www.wpr3.co.uk/gazette/1980-89.html>

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A classification of finite rings by zero divisors

Yuji Kobayashi and Kwangil Koh

Journal of Pure and Applied Algebra

Volume 40, pages 135--147

DOI: 10.1016/0022-4049(86)90036-8

1986

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A field-like property of finite rings

H. L. Claassen and R. W. Goldbach

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Volume 3, issue 1, pages 11--26

DOI: 10.1016/0019-3577(92)90024-F

March 30, **1992**

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Benjamin Fine

Mathematics Magazine

Volume 66, issue 4, pages 248–252

DOI: 10.1080/0025570X.1993.11996133

October **1993**

<https://maa.tandfonline.com/doi/abs/10.1080/0025570X.1993.11996133#.WyXFsvZFYUk>

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Xiang-dong Hou

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DOI: 10.1006/ffa.2000.0317

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Volume 7, issue 3, pages 382--396

July **2001**

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David Dolžan

Journal of Pure and Applied Algebra

Volume 170, issues 2--3, pages 175-183

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Volume 304, issue 1, pages 271--277

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Volume 309, issue 1, pages 1—9

DOI: 10.1016/j.jalgebra.2006.07.034

March 1, **2007**

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On zero-divisor graphs of small finite commutative rings

Shane P. Redmond

Discrete Mathematics

Volume 307, issues 9–10, pages 1155--1166

DOI: 10.1016/j.disc.2006.07.025

May 6, **2007**

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Corrigendum to "On zero-divisor graphs of small finite commutative rings"

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Volume 307, issue 21, pages 2449-2452

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Bulletin of the Australian Mathematical Society 79(02):177 – 182

Volume 79, issue 2, pages 177--182

DOI: 10.1017/S0004972708001019

April **2009**

https://www.researchgate.net/publication/231992506_NILPOTENCY_OF_THE_GROUP_OF_UNITS_OF_A_FINITE_RING

A Classification of a certain class
of completely primary finite rings

Ring and Module Theory

Trends in Mathematics

C. J. Chikunji,

Springer Basel, pp 83–90.

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David Dolžan, Igor Klep, and Primož Moravec

Monatshefte für Mathematik

Volume 162, issue 2, pages 143--155

DOI: 10.1007/s00605-009-0142-y

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by Issam Kaddoura

https://www.researchgate.net/profile/Issam_Kaddoura

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Classification of Finite Rings of Order p^6 by Generators and Relations

Parvin Karimi Beiranvand, R. Beyranvand, and M. Gholami

Journal of Mathematics

Volume 2013, Article ID 467905,

DOI: 10.1155/2013/467905

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January 2013

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Classification of Finite Rings: Theory and Algorithm

Mahmood Behboodi, Reza Beyranvand,

Amir Hashemi, and Hossein Khabazian

Czechoslovak Mathematical Journal

Volume 64, issue 3, pages 641--658

DOI: 10.1007/s10587-014-0124-7

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<https://link.springer.com/article/10.1007/s10587-014-0124-7>

Characterizing some rings of finite order

Jutirekha Dutta, Dhiren Kumar Basnet, Rajat Kanti Nath

arXiv:1510.08207 [math.RA]

October 28, **2015**

<https://arxiv.org/abs/1510.08207>

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Elementary equivalence of rings with finitely generated additive groups

Alexei G. Myasnikov, Francis Oger, and Mahmood Sohrabi

Annals of Pure and Applied Logic

Volume 169, issue 6, pages 514--522

DOI: 10.1016/j.apal.2018.01.005

June **2018**

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