

LIST OF PUBLICATIONS

GÖTZ PFEIFFER

Book.

1. (with Meinolf Geck)
Characters of Finite Coxeter Groups and Iwahori–Hecke Algebras.
London Mathematical Society Monographs, New Series **21**. Oxford University Press, 2000. xvi+446 pp. ISBN: 0-19-850250-8.
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Articles.

2. (with Hery Randriamaro)
The Varchenko Determinant of a Coxeter Arrangement.
12 pages, to appear in *J. Group Theory*. doi:[10.1515/jgth-2018-0009](#).
OWP [2017-33](#). arXiv:[1711.01146](#).
3. (with Brendan Masterson)
On the Table of Marks of a Direct Product of Finite Groups.
J. Algebra **499** (2018), 610–644. doi:[10.1016/j.jalgebra.2017.12.019](#).
arXiv:[1704.03433](#).
4. (with Alice C. Niemeyer and Cheryl E. Praeger)
On the Complexity of Multiplication in the Iwahori–Hecke Algebra of the Symmetric Group.
J. Symb. Comp. **80** (2017), part 3, 817–832. doi:[10.1016/j.jsc.2016.09.001](#).
MR [3574535](#). arXiv:[1512.05319](#).
5. (with Ivan Marin)
The BMR Freeness Conjecture for the 2-Reflection Groups.
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MR [3626546](#). Zbl [06697254](#). arXiv:[1411.4760](#).
6. (with Marcus Bishop, J. Matthew Douglass and Gerhard Röhrle)
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7. (with J. Matthew Douglass and Gerhard Röhrle)
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8. (with J. Matthew Douglass and Gerhard Röhrle)
On Reflection Subgroups of Finite Coxeter Groups.
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9. (with Liam Naughton)
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10. (with Marcus Bishop)
On the Quiver Presentation of the Descent Algebra of the Symmetric Group.
J. Algebra **383** (2013), 212–231. doi:[10.1016/j.jalgebra.2013.02.027](https://doi.org/10.1016/j.jalgebra.2013.02.027).
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11. (with Marcus Bishop, J. Matthew Douglass and Gerhard Röhrle)
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12. (with Marcus Bishop, J. Matthew Douglass and Gerhard Röhrle)
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13. (with Liam Naughton)
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14. (with J. Matthew Douglass and Gerhard Röhrle)
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15. (with Matjaž Konvalinka and Class Röver)
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19. (with Gerhard Röhrle)
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20. Counting Transitive Relations.
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21. (with Gerhard Röhrle)
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22. (with M. D. Atkinson and S. v. Willigenburg)
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23. (with S. A. Linton, E. F. Robertson, and N. Ruškuc)
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J. Symbolic Comput. **33** (2002), no. 2, 145–162. doi:[10.1006/jscs.2000.0406](https://doi.org/10.1006/jscs.2000.0406).
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24. (with Meinolf Geck and Sungsoon Kim)
Minimal length elements in twisted conjugacy classes of finite Coxeter groups.

- J. Algebra* **229** (2000), no. 2, 570–600. doi:[10.1006/jabr.1999.8253](https://doi.org/10.1006/jabr.1999.8253).
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25. (with Thomas Breuer)
Finding Possible Permutation Characters.
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26. (with S. A. Linton, E. F. Robertson, and N. Ruškuc)
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28. Character Values of Iwahori–Hecke Algebras of Type B .
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MR [1429879](#) (98a:20008). Zbl [0876.20011](#).
29. (with Meinolf Geck, Gerhard Hiß, Frank Lübeck, and Gunter Malle)
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30. Young characters on Coxeter basis elements of Iwahori–Hecke algebras and a Murnaghan–Nakayama formula.
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31. Character tables of Weyl groups in GAP.
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32. (with Meinolf Geck)
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33. (with Meinolf Geck)
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34. *Charakterwerte von Iwahori–Hecke-Algebren von klassischem Typ.*
Dissertation, RWTH Aachen 1994.
Aachener Beiträge zur Mathematik **14**, Verlag der Augustinus Buchhandlung,
Aachen 1995, 64 pages. ISBN: 3-86073-423-7.
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35. *Von Permutationscharakteren und Markentafeln.*
Diplomarbeit, RWTH Aachen 1991.
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36. (with John M. Burns)
Maximal order Abelian subgroups of Coxeter groups as discrete maximal tori.
31 pages. arXiv:[1601.07812](#).
37. Quiver Presentations for Descent Algebras of Exceptional Type.
25 pages.
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