

## 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.  
*J. Group Theory* **21** (2018), 651–665. doi:[10.1515/jgth-2018-0009](#).  
MR [3819545](#). Zbl [06908761](#). 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](#).  
MR [3758519](#). Zbl [06845904](#). 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](#).  
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5. (with Ivan Marin)  
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*Math. Comp.* **86** (2017), no. 306, 2005–2023. doi:[10.1090/mcom/3142](#).  
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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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*Trans. Amer. Math. Soc.* **366** (2014), no. 10, 5379–5407. doi:[10.1090/S0002-9947-2014-06060-1](https://doi.org/10.1090/S0002-9947-2014-06060-1).  
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8. (with J. Matthew Douglass and Gerhard Röhrle)  
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*Comm. Algebra* **41** (2013), no. 7, 2574–2592. doi:[10.1080/00927872.2012.661005](https://doi.org/10.1080/00927872.2012.661005).  
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9. (with Liam Naughton)  
Integer Sequences Realized by the Subgroup Pattern of the Symmetric Group.  
*J. Integer Seq.* **16** (2013), no. 5, Article [13.5.8](#), 23 pages.  
MR [3065337](#). Zbl [1288.20002](#). arXiv:[1211.1911](#).
10. (with Marcus Bishop)  
On the Quiver Presentation of the Descent Algebra of the Symmetric Group.  
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12. (with Marcus Bishop, J. Matthew Douglass and Gerhard Röhrle)  
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14. (with J. Matthew Douglass and Gerhard Röhrle)  
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18. (with Robert Boltje)  
An algorithm for the unit group of the Burnside ring of a finite group.  
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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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25. (with Thomas Breuer)  
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26. (with S. A. Linton, E. F. Robertson, and N. Ruškuc)  
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27. The Subgroups of  $M_{24}$  or How to Compute the Table of Marks of a Finite Group.  
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28. Character Values of Iwahori–Hecke Algebras of Type  $B$ .  
In: Marc Cabanes (Ed.) *Finite Reductive Groups, Related Structures and Representations (Luminy, 1994)*, Progr. Math. **141**, Birkhäuser, Boston 1997, pp. 333–360.  
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29. (with Meinolf Geck, Gerhard Hiß, Frank Lübeck, and Gunter Malle)  
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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,  
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35. *Von Permutationscharakteren und Markentafeln.*  
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36. (with J. Matthew Douglass and Gerhard Röhrle)  
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37. (with John M. Burns)  
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38. Quiver Presentations for Descent Algebras of Exceptional Type.  
25 pages.  
arXiv:[0810.2743](#).