



| | |
|---|---|
| Title: | Link quandles are residually finite |
| Authors: | Singh, Manpreet (/jspui/browse?type=author&value=Singh%2C+Manpreet) |
| Keywords: | Property<br>Important<br>Finiteness |
| Issue Date: | 2019 |
| Publisher: | Springer Link |
| Citation: | Monatshefte fur Mathematik,191. |
| Abstract: | Residual finiteness is known to be an important property of groups appearing in combinatorial group theory and low dimensional topology. In a recent work (Bardakov et al. in Proc Am Math Soc 147:3621–3633, 2019. https://doi.org/10.1090/proc/14488) residual finiteness of quandles was introduced, and it was proved that free quandles and knot quandles are residually finite. In this paper, we extend these results and prove that free products of residually finite quandles are residually finite provided their associated groups are residually finite. As associated groups of link quandles are link groups, which are known to be residually finite, it follows that link quandles are residually finite. |
| URI: | https://link.springer.com/article/10.1007/s00605-019-01336-z?shared-article-renderer (https://link.springer.com/article/10.1007/s00605-019-01336-z?shared-article-renderer) http://hdl.handle.net/123456789/2358 (http://hdl.handle.net/123456789/2358) |
| Appears in Collections: | Research Articles (/jspui/handle/123456789/9) |

Files in This Item:

| File | Description | Size | Format | |
|---|---|---|---|---|
| Need to add pdf.odt (/jspui/bitstream/123456789/2358/1/Need%20to%20add%20pdf.odt) | | 8.63 kB | OpenDocument Text | View/Open (/jspui/bitstream/12345 |

Show full item record (/jspui/handle/123456789/2358?mode=full)
(/jspui/handle/123456789/2358/statistics)