

DANIEL TUBBENHAUER

PUBLICATIONS

- 24) *Aug.2020*
Finitary birepresentations of finitary bicategories
Preprint <https://arxiv.org/abs/2008.01658>
Authors: Marco MACKAAY, Volodymyr MAZORCHUK, Vanessa MIEMIETZ, Daniel TUBBENHAUER, Xiaoting ZHANG
-
- 23) *Apr.2020*
The center of SL_2 tilting modules
Preprint <https://arxiv.org/abs/2004.10146>
Authors: Daniel TUBBENHAUER, Paul WEDRICH
-
- 22) *Aug.2019*
HOMFLYPT homology for links in handlebodies via type A Soergel bimodules
To appear in Quantum Topol.
Accepted <https://arxiv.org/abs/1908.06878>
Authors: David E.V. ROSE, Daniel TUBBENHAUER
-
- 21) *Jul.2019*
Quivers for SL_2 tilting modules
Preprint <https://arxiv.org/abs/1907.11560>
Authors: Daniel TUBBENHAUER, Paul WEDRICH
-
- 20) *Jun.2019*
2-representations of Soergel bimodules
Preprint <https://arxiv.org/abs/1906.11468>
Authors: Marco MACKAAY, Volodymyr MAZORCHUK, Vanessa MIEMIETZ, Daniel TUBBENHAUER, Xiaoting ZHANG
-
- 19) *Jul.2018*
Algebraic properties of zigzag algebras
Published Comm. Algebra 48 (2020), no.1, 11–36.
<https://arxiv.org/abs/1807.11173>
Authors: Michael EHRIG, Daniel TUBBENHAUER
-
- 18) *Apr.2018*
Trihedral Soergel bimodules
Published Fund. Math. 248 (2020), no. 3, 219–300.
<https://arxiv.org/abs/1804.08920>
Authors: Marco MACKAAY, Volodymyr MAZORCHUK, Vanessa MIEMIETZ, Daniel TUBBENHAUER
-
- 17) *Oct.2017*
Relative cellular algebras
Accepted To appear in Transform. Groups.
<https://arxiv.org/abs/1710.02851>

Authors: Michael EHRIG, Daniel TUBBENHAUER

16) Mar.2017

Functoriality of colored link homologies

Published

Proc. Lond. Math. Soc. (3) 117 (2018), no. 5, 996–1040

<https://arxiv.org/abs/1703.06691>

Authors: Michael EHRIG, Daniel TUBBENHAUER, Paul WEDRICH

15) Jan.2017

Webs and q -Howe dualities in types BCD

Published

Trans. Amer. Math. Soc. 371 (2019), no. 10, 7387–7431

<http://arxiv.org/abs/1701.02932>

Authors: Antonio SARTORI, Daniel TUBBENHAUER

14) Dec.2016

Simple transitive 2-representations via (co)algebra 1-morphisms

Published

Indiana Univ. Math. J. 68 (2019), no. 1, 1–33

<http://arxiv.org/abs/1612.06325>

Authors: Marco MACKAAY, Volodymyr MAZORCHUK, Vanessa MIEMIETZ, Daniel TUBBENHAUER

13) Nov.2016

Singular TQFTs, foams and type D arc algebras

Published

Doc. Math. 24, 1585–1655 (2019)

<http://arxiv.org/abs/1611.07444>

Authors: Michael EHRIG, Daniel TUBBENHAUER, Arik WILBERT

12) Sep.2016

Two-color Soergel calculus and simple transitive 2-representations

Published

Canad. J. Math. 71 (2019), no. 6, 1523–1566

<http://arxiv.org/abs/1609.00962>

Authors: Marco MACKAAY, Daniel TUBBENHAUER

11) Jan.2016

Generic \mathfrak{gl}_2 -foams, web and arc algebras

Preprint

<http://arxiv.org/abs/1601.08010>

Authors: Michael EHRIG, Catharina STROPPEL, Daniel TUBBENHAUER

10) Oct.2015

The Blanchet–Khovanov algebras

Published

Categorification and Higher Representation Theory, 183–226, Contemp. Math., 683, Amer. Math. Soc., Providence, RI, 2017

<http://arxiv.org/abs/1510.04884>

Authors: Michael EHRIG, Catharina STROPPEL, Daniel TUBBENHAUER

9) Jul.2015

Semisimplicity of Hecke and (walled) Brauer algebras

Published

J. Aust. Math. Soc. 103 (2017), no. 1, 1–44

<http://arxiv.org/abs/1507.07676>

Authors: Henning H. ANDERSEN, Catharina STROPPEL, Daniel TUBBENHAUER

8) *Apr.2015*

Super q -Howe duality and web categories

Published

Algebr. Geom. Topol. 17-6 (2017), 3703–3749

<http://arxiv.org/abs/1504.05069>

Authors: Daniel TUBBENHAUER, Pedro VAZ, Paul WEDRICH

7) *Mar.2015*

Cellular structures using U_q -tilting modules

Published

Pacific J. Math. 292-1 (2018), 21–59

<http://arxiv.org/abs/1503.00224>

Authors: Henning H. ANDERSEN, Catharina STROPPEL, Daniel TUBBENHAUER

6) *Jan.2015*

Symmetric webs, Jones–Wenzl recursions and q -Howe duality

Published

Int. Math. Res. Not. (IMRN), 2016-17 (2016), 5249–5290

<http://arxiv.org/abs/1501.00915>

Authors: David E.V. ROSE, Daniel TUBBENHAUER

5) *Sep.2014*

Diagram categories for U_q -tilting modules at roots of unity

Published

Transform. Groups 22 (2017), no. 1, 29–89

<http://arxiv.org/abs/1409.2799>

Authors: Henning H. ANDERSEN, Daniel TUBBENHAUER

4) *Apr.2014*

\mathfrak{sl}_n -webs, categorification and Khovanov–Rozansky homologies

Preprint

<http://arxiv.org/abs/1404.5752>

Author: Daniel TUBBENHAUER

3) *Oct.2013*

\mathfrak{sl}_3 -web bases, intermediate crystal bases and categorification

Published

J. Algebraic Combin. 40-4 (2014), 1001–1076

<http://arxiv.org/abs/1310.2779>

Author: Daniel TUBBENHAUER

2) *Jun.2012*

The \mathfrak{sl}_3 web algebra

Published

Math. Z. 277-1-2 (2014), 401–479

<http://arxiv.org/abs/1206.2118>

Authors: Marco MACKAAY, Weiwei PAN, Daniel TUBBENHAUER

1) *Nov.2011*

Virtual Khovanov homology using cobordisms

Published

J. Knot Theory Ramifications 23-9 (2014), 91 pages

<http://arxiv.org/abs/1111.0609>
Author: Daniel TUBBENHAUER

o) 2011-x
Eprints etc.

Further See <http://www.dtubbenhauer.com/preprint.html>
Author: Daniel TUBBENHAUER



Daniel Tubbenhauer; August 5, 2020