

Publications for Kevin Coulembier

2019

Coulembier, K., Zhang, R. (2019). Borelic pairs for stratified algebras. *Advances in Mathematics*, 345, 53-115. [More Information]

Coulembier, K., Musson, I. (2019). The primitive spectrum for $gl(m|n)$. *Tohoku Mathematical Journal*, 70(2), 225-266. [More Information]

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Barbier, S., Coulembier, K. (2018). On structure and TKK algebras for Jordan superalgebras. *Communications in Algebra*, 46(2), 684-704. [More Information]

Coulembier, K. (2018). Ringel duality and Auslander- $\frac{1}{2}$ Dlab- $\frac{1}{2}$ Ringel algebras. *Journal of Pure and Applied Algebra*, 222(12), 3831-3848. [More Information]

Coulembier, K. (2018). Tensor ideals, Deligne categories and invariant theory. *Selecta Mathematica, New Series*, 24(5), 4659-4710. [More Information]

Coulembier, K., Mazorchuk, V. (2018). The G-Centre and gradable derived equivalences. *Journal of the Australian Mathematical Society*, 105(3), 289-315. [More Information]

Coulembier, K. (2018). The periplectic Brauer algebra. *Proceedings of the London Mathematical Society*, 117(3), 441-482. [More Information]

Coulembier, K., Ehrig, M. (2018). The periplectic Brauer algebra II: Decomposition multiplicities. *Journal of Combinatorial Algebra*, 2(1), 1-28. [More Information]

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Coulembier, K., Serganova, V. (2017). Homological invariants in category \mathcal{O} for the general linear superalgebra. *Transactions of the American Mathematical Society*, 369(11), 7961-7997. [More Information]

Barbier, S., Coulembier, K. (2017). Polynomial Realisations of Lie (Super)Algebras and Bessel Operators. *International Mathematics Research Notices*, 2017 (10), 3148-3179. [More Information]

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Coulembier, K., Mazorchuk, V. (2016). Primitive ideals, twisting functors and star actions for classical Lie superalgebras. *Journal für die Reine und Angewandte Mathematik (Crelle's journal)*, 718(718), 207-253. [More Information]

Barbier, S., Coulembier, K. (2016). The Joseph ideal for $sl(m|n)$. *Springer Proceedings in Mathematics and Statistics*, 191, 489-499. [More Information]

Coulembier, K. (2016). The Primitive Spectrum of a Basic Classical Lie Superalgebra. *Communications in Mathematical Physics*, 348(2), 579-602. [More Information]

2013

Coulembier, K. (2013). The Orthosymplectic Superalgebra in Harmonic Analysis. *Journal of Lie Theory*, 23(1), 55-83.

2012

Coulembier, K., Zhang, R. (2012). Invariant integration on orthosymplectic and unitary supergroups. *Journal of Physics A: Mathematical and Theoretical*, 45(2012), 1-32. [More Information]