

Elenco delle Pubblicazioni e preprint di Giovanni Cerulli Irelli

5 Ottobre 2015

1. “Geometry of quiver Grassmannians of Dynkin type with applications to cluster algebras”. Preprint 2016.
G.Cerulli Irelli.
arXiv: <http://arxiv.org/abs/1602.03039>.
2. “Schubert quiver Grassmannians”. Preprint 2015.
G.Cerulli Irelli, E. Feigin and M. Reineke.
arXiv: <http://arxiv.org/abs/1508.00264>.
3. “Degenerate flag varieties of type A and C are Schubert varieties”.
G. Cerulli Irelli, M. Lanini.
International Mathematics Research Notices. (2014).
arXiv: <http://arxiv.org/abs/1403.2889>.
4. “Homological approach to the Hernandez–Leclerc construction and quiver varieties”.
G.Cerulli Irelli, E. Feigin and M. Reineke.
Representation Theory of the American Mathematical Society. **18** (2014), 1–14.
<http://www.ams.org/journals/ert/2014-18-01/S1088-4165-2014-00449-7/>
arXiv: <http://arxiv.org/abs/1302.5297>.
5. “Desingularization of quiver Grassmannians associated with Dynkin quivers”.
G. Cerulli Irelli, E. Feigin, M. Reineke.
Advances in Mathematics. **245** (2013), 182–207.
<http://www.sciencedirect.com/science/article/pii/S0001870813002119#>
arXiv: <http://arxiv.org/abs/1209.3960>.
6. “Caldero–Chapoton algebras”.
G. Cerulli Irelli, D. Labardini Fragoso, J. Schröer.
Transactions of the American Mathematical Society. **367** (2015), 2787–2822.
<http://www.ams.org/journals/tran/2015-367-04/S0002-9947-2014-06175-8/>
arXiv: <http://arxiv.org/abs/1208.3310>
7. “Degenerate flag varieties: moment graphs and Schröder numbers”.
G. Cerulli Irelli, E. Feigin, M. Reineke.
Journal of Algebraic Combinatorics. **38** (2013), no. 1, 159–189.

<http://link.springer.com/article/10.1007/s10801-012-0397-6#>
arXiv: <http://arxiv.org/abs/1206.4178>

8. “Linear independence of cluster monomials for skew-symmetric cluster algebras”.
G. Cerulli Irelli, B. Keller, D. Labardini Fragoso, P.-G. Plamondon.
Compositio Mathematica. **149** (2013), 1753–1764.
dx.doi.org/10.1112/S0010437X1300732X
arXiv: <http://arxiv.org/abs/1203.1307>
9. “Quivers with potentials associated to triangulated surfaces, Part III: tagged triangulations and cluster monomials”.
G. Cerulli Irelli, D. Labardini Fragoso.
Compositio Mathematica. **148** (2012), 1833–1866.
http://journals.cambridge.org/abstract_S0010437X12000528
arXiv: <http://arxiv.org/abs/1108.1774>
10. “Quiver Grassmannians and degenerate flag varieties”.
G. Cerulli Irelli, E. Feigin, M. Reineke.
Algebra and Number Theory. **6** (2012), no. 1, 165–194.
<http://msp.org/ant/2012/6-1/p05.xhtml>
arXiv: <http://arxiv.org/abs/1106.2399>
11. “Quiver Grassmannians associated with string modules”.
G. Cerulli Irelli.
Journal of Algebraic Combinatorics. **33** (2011), 259–276.
<http://dx.doi.org/10.1007/s10801-010-0244-6>
arXiv: <http://arxiv.org/abs/0910.2592>
12. “Geometry of quiver Grassmannians of Kronecker type and applications to cluster algebras”.
G. Cerulli Irelli, F. Esposito.
Algebra and Number Theory. **5** (2011), no. 6, 777–801.
<http://msp.org/ant/2011/5-6/p02.xhtml>
arXiv: <http://arxiv.org/abs/1003.3037>
13. “Cluster algebras of type $A_2^{(1)}$ ”.
Algebras and Representation Theory. **15** (2012), no. 5, 977–1021.
<http://www.springerlink.com/content/67714h0252207362/>
arXiv: <http://arxiv.org/abs/0904.2543>
14. “A homological interpretation of transverse quiver Grassmannians”.
G. Cerulli Irelli, G. Dupont, F. Esposito.
Algebras and Representation Theory. **16** (2013), no. 2, 437–444.
<http://dx.doi.org/10.1007/s10468-011-9314-2>
arXiv: <http://arxiv.org/abs/1005.1405>
15. Ph.D. thesis: “Structural theory of rank three cluster algebras of affine type”.
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<http://paduaresearch.cab.unipd.it/734/>

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