

Publications and Preprints

Mario Maican

18. *On the geometry of the moduli space of sheaves supported on curves of genus four contained in a quadric surface.* arXiv:1704.07011
17. *Moduli of stable sheaves on a quadric surface supported on curves of genus three.* arXiv:1704.00810
16. *Moduli of sheaves supported on curves of genus two in a quadric surface.* Geometriae Dedicata, in press.
15. *Moduli of space sheaves with Hilbert polynomial $4m + 1$.* Canadian Mathematical Bulletin **61** (2018), 328–345.
14. (with Marcos Jardim and Alexander Tikhomirov) *Moduli spaces of rank 2 instanton sheaves on the projective space.* Pacific Journal of Mathematics **291** (2017), 399–424.
13. *On two moduli spaces of sheaves supported on quadric surfaces.* Osaka Journal of Mathematics **54** (2017), 323–333.
12. *Flag Hilbert schemes and moduli spaces of torsion plane sheaves.* Communications in Algebra **45** (2017), 332–342.
11. (with Jinwon Choi and Kiryong Chung) *Moduli of sheaves supported on quartic space curves.* Michigan Mathematical Journal **65** (2016), 637–671.
10. *On the homology of the moduli space of plane sheaves with Hilbert polynomial $5m + 3$.* Bulletin des Sciences Mathématiques **139** (2015), 1–32.
9. (with Jinwon Choi) *Torus action on the moduli spaces of torsion plane sheaves of multiplicity four.* Journal of Geometry and Physics **83** (2014), 18–35.
8. *The homology groups of certain moduli spaces of plane sheaves.* International Journal of Mathematics **24** (2013), Article ID 1350098, 42 p.
7. *The classification of semistable plane sheaves supported on sextic curves.* Kyoto Journal of Mathematics **53** (2013), 739–786.
6. *On some quotients modulo non-reductive groups.* Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie **55 (103)** (2012), 375–412.
5. *On the moduli spaces of semi-stable plane sheaves of dimension one and multiplicity five.* Illinois Journal of Mathematics **55** (2011), 1467–1532.
4. (with Jean-Marc Drézet) *On the geometry of the moduli spaces of semi-stable sheaves supported on plane quartics.* Geometriae Dedicata **152** (2011), 17–49.
3. *A duality result for moduli spaces of semistable sheaves supported on projective curves.* Rendiconti del Seminario Matematico della Università di Padova **123** (2010), 55–68.
2. *On two notions of semistability.* Pacific Journal of Mathematics **234** (2008), 69–135.
1. *On vector bundles of finite order.* Manuscripta Mathematica **124** (2007), 97–137.