

## Lavori Pubblicati/Preprint arXiv Prof. Francesco RUSSO

- (1) Francesco Russo, Giovanni Staglianò, *Explicit rationality of some cubic fourfolds*, **arXiv:1811.03502**
- (2) Rodrigo Gondim, Francesco Russo, Giovanni Staglianò, *Hypersurfaces with vanishing hessian via Dual Cayley Trick*, **arXiv:1802.01295**.
- (3) Francesco Russo, Giovanni Staglianò, *Congruences of 5-secant conics and the rationality of some admissible cubic fourfolds*, **arXiv:1707.00999**, accettato per la pubblicazione su **Duke Mathematical Journal**.
- (4) Michele Bolognesi, Francesco Russo, Giovanni Staglianò, *Some Loci of Rational Cubic Fourfolds*, accettato per la pubblicazione su **Mathematische Annalen** (2018) <https://doi.org/10.1007/s00208-018-1707-7>; [arxiv.org/abs/1504.05863](https://arxiv.org/abs/1504.05863).
- (5) Paltin Ionescu, Francesco Russo, *Remarks on defective Fano manifolds*, **Annali dell' Università di Ferrara** 63 (2017), 133–146.
- (6) Luc Pirio, Francesco Russo, *The XJC-correspondence*, **Journal fuer die reine und angewandte Mathematik (Crelle's Journal)** 716 (2016), 229–250.
- (7) Francesco Russo, *On the Geometry of some special projective varieties*. **Lecture Notes of the Unione Matematica Italiana**, vol. 18, **Springer Verlag** Berlin, ISBN: 978-3-319-26764-7, doi: 10.1007/978-3-319-26765-4, 2016, pages 257, **Winner of the UMI-Springer Book Prize 2015**.
- (8) Rodrigo Gondim, Francesco Russo, *Cubic hypersurfaces with vanishing hessian*, **Journal of Pure and Applied Algebra** 219 (2015), 779–806.
- (9) Luc Pirio, Francesco Russo, *Quadro-quadric cremona transformations in low dimensions via the JC-correspondence*, **Annales de l' Institut Fourier (Grenoble)** 64 (2014), 71–111.
- (10) Paltin Ionescu, Francesco Russo, *On dual defective manifolds*, **Mathematical Research Letters** 21 (2014), 1137–1154.
- (11) Luc Pirio, Francesco Russo, *Quadro-quadric Cremona maps and varieties 3-connected by cubics: semi-simple part and radical*, **International Journal of Mathematics** 24 (2013), fascicolo 13, 33 pg, DOI: 10.1142/S0129167X1350105X 1350105.
- (12) Rodrigo Gondim, Maria Eulalia de Moraes Melo, Francesco Russo, *Equações Algébricas e a Teoria de Galois*, **Publicações Matemáticas, IMPA, Rio de Janeiro, Brasil, 2013, 175 pg.**
- (13) Luc Pirio, Francesco Russo, *On projective varieties  $n$ -covered by irreducible curves of degree  $\delta$* , **Commentarii Mathematici Helvetici** 88 (2013), 715–756.
- (14) Paltin Ionescu, Francesco Russo, *Manifolds covered by lines and the Hartshorne Conjecture for quadratic manifolds*, **American Journal of Mathematics** 135 (2013), 349–360.
- (15) Francesco Russo, *Lines on projective varieties and applications*, **Rend. Circ. Mat. Palermo** 61 (2012), 47–64.
- (16) Ciro Ciliberto, Francesco Russo, *On the classification of OADP varieties*, **SCIENCE CHINA Mathematics** 54 (2011), 1561–1575; Volume speciale per i 60 anni di Fabrizio Catanese.
- (17) Paltin Ionescu, Francesco Russo, *Conic-connected manifolds*, **Journal fuer die reine und angewandte Mathematik (Crelle's Journal)** 644 (2010), 145–158.
- (18) Francesco Russo, *Varieties with quadratic entry locus I*, **Mathematische Annalen** 344 (2009), 597–617.
- (19) Francesco Russo, *A characterization of nef and good divisors by asymptotic multiplier ideals*, **Bullettin of the Belgian Mathematical Society— Simon Stevin** 16 (2009), 943–951, Proceedings of the Ghent Conference

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- (20) Paltin Ionescu, Francesco Russo, *Varieties with quadratic entry locus II*, **Compositio Mathematica** 144 (2008), 949–962.
- (21) Ciro Ciliberto, Francesco Russo, Aron Simis, *Homaloidal hypersurfaces and hypersurfaces with vanishing Hessian*, **Advances in Mathematics** 218 (2008), 1759–1805.
- (22) Ciro Ciliberto, Francesco Russo, *Varieties of minimal secant degree and linear systems of maximal dimension on surfaces*, **Advances in Mathematics** 200 (2006), 1–50.
- (23) Ivan Pan, Francesco Russo, *Cremona transformations and special double structures*, **Manuscripta Mathematica** 177 (2005), 491–510.
- (24) Ciro Ciliberto, Francesco Russo, *On surfaces with two apparent double points*, **Advances in Geometry** 5 (2005), 223–235.
- (25) Ciro Ciliberto, Massimiliano Mella, Francesco Russo, *Varieties with one apparent double point*, **Journal of Algebraic Geometry** 13 (2004), 475–512.
- (26) Alberto Alzati, Francesco Russo, *Some elementary extremal contractions between smooth varieties arising from projective geometry*, **Proceedings of the London Mathematical Society** 89 (2004), 25–53.
- (27) Francesco Russo *Tangents and Secants of Algebraic Varieties*, libro pubblicato nella Serie **IMPA Monographs in Mathematic**, Rio de Janeiro, Brasil, 2003, 100 pg.
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- (31) Aron Simis, Francesco Russo, *On birational maps and Jacobian matrices*, **Compositio Mathematica** 126 (2001), 335–358.
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- (33) Christophe Mourougane, Francesco Russo, *Some remarks on nef and good divisors on an algebraic variety*, **Comptes Rendues** 325, serie I, (1997), 499–505.
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