

LIST OF PUBLICATIONS – IUSTIN COANDĂ

1. I. Coandă: *Asupra unei teoreme Elençwajg-Forster*, (*About a theorem of Elençwajg and Forster*) (Romanian), Stud. Cerc. Mat., Tom **35**, nr. 1, 3–9, 1983.
2. C. Bănică and I. Coandă: *Existence of rank 3 vector bundles with given Chern classes on homogeneous rational 3-folds*, Manuscr. Math. **51**, 121–143, 1985.
3. I. Coandă: *The Chern classes of the stable rank 3 vector bundles on \mathbb{P}^3* , Math. Ann. **273**, 65–79, 1985.
4. I. Coandă: *On the spectrum of a stable rank 3 reflexive sheaf on \mathbb{P}^3* , J. reine angew. Math. **367**, 155–171, 1986.
5. I. Coandă: *On the duals of the stable rank 3 reflexive sheaves on \mathbb{P}^3 with maximal c_3* , Ann. Univ. Ferrara, Sez. VII, Sc. Mat., **XXXII**, 71–78, 1986.
6. I. Coandă: *Fibratę vectoriale de rang 3 pe spații proiective*, (*Rank 3 vector bundles on projective spaces*) (Romanian), Stud. Cerc. Mat., Tom **41**, nr. 5, 337–378, 1989.
7. I. Coandă: *About restricting 2-bundles on \mathbb{P}^3 to planes*, Math. Ann. **291**, 147–152, 1991.
8. I. Coandă: *On Barth’s restriction theorem*, J. reine angew. Math. **428**, 97–110, 1992.
9. I. Coandă: *Restriction theorems for vector bundles via the methods of Roth and Strano*, J. reine angew. Math. **487**, 1–25, 1997.
10. I. Coandă, A. Tikhomirov and G. Trautmann: *Irreducibility and smoothness of the moduli space of the mathematical 5-instantons over \mathbb{P}^3* , International J. Math. **14**, no.1, 1–45, 2003.
11. I. Coandă: *On the Bernstein-Gel’fand-Gel’fand correspondence and a result of Eisenbud, Fløystad and Schreyer*, J. Math. Kyoto Univ. **43**, no.2, 429–439, 2003.
12. I. Coandă and G. Trautmann: *Horrocks theory and the Bernstein-Gel’fand-Gel’fand correspondence*, Trans. Amer. Math. Soc. **358**, no. 3, 1015–1031, 2006.

13. I. Coandă and G. Trautmann: *The splitting criterion of Kempf and the Babylonian tower theorem*, Commun. Algebra **34**, no. 7, 2485–2488, 2006.
14. I. Biswas, I. Coandă and G. Trautmann: *A Babylonian tower theorem for principal bundles over projective spaces*, J. Math. Kyoto Univ. **49**, no. 1, 69–82, 2009.
15. I. Coandă: *The Horrocks correspondence for coherent sheaves on projective spaces*, Homology, Homotopy Appl. **12**, no. 1, 327–353, 2010.
16. I. Coandă: *Infinitely stably extendable vector bundles on projective spaces*, Arch. Math. **94**, no. 6, 539–545, 2010.
17. I. Coandă: *On the stability of syzygy bundles*, International J. Math. **22**, no. 4, 515–534, 2011.
18. I. Coandă: *A simple proof of Tyurin’s Babylonian tower theorem*, Commun. Algebra **40**, no. 12, 4668–4672, 2012.
19. I. Coandă and D. Faenzi: *A refined stable restriction theorem for vector bundles on quadric threefolds*, Annali di Matematica Pura ed Applicata (4) **193**, no. 3, 859–887, 2014.
20. C. Anghel, I. Coandă and N. Manolache: *Globally generated vector bundles with small c_1 on projective spaces*, Memoirs A.M.S. Vol. 253, No. 1209, 2018, 107 pages, also arXiv:1305.3464 [math.AG].
21. C. Anghel, I. Coandă and N. Manolache: *Locally Cohen-Macaulay space curves defined by cubic equations and globally generated vector bundles*, arXiv:1502.05553 [math.AG], 2015, 130 pages.
22. C. Anghel, I. Coandă and N. Manolache: *Four generated 4-instantons*, arXiv:1604.01970 [math.AG], 2016.
23. C. Anghel, I. Coandă and N. Manolache: *On the vector bundles from Chang and Ran’s proof of the unirationality of \mathcal{M}_g , $g \leq 13$* , electronic preprint arXiv:1711.06060 [math.AG], 2017.
24. C. Anghel, I. Coandă and N. Manolache: *Globally generated vector bundles with $c_1 = 5$ on \mathbb{P}^3* , arXiv:1805.11336 [math.AG], 2018, 142 pages.