

List of 15 Selected Publications (2011-2020)

Alessandro Perotti

Articles

- [1] Alessandro Perotti. Almansi-type theorems for slice-regular functions on Clifford algebras. *Complex Variables and Elliptic Equations*. Published online: 28 Apr 2020. DOI: <http://dx.doi.org/10.1080/17476933.2020.1755967>.
- [2] Riccardo Ghiloni and Alessandro Perotti. On a class of orientation-preserving maps of \mathbb{R}^4 . *J. of Geom. Anal.*, Published online: 24 January 2020. DOI: <http://dx.doi.org/10.1007/s12220-020-00356-8>.
- [3] Alessandro Perotti. A four dimensional Jensen formula. *Riv. Math. Univ. Parma (N.S.)*, 11(1):139–152, 2020. <http://arxiv.org/abs//1902.06485>.
- [4] Riccardo Ghiloni, Alessandro Perotti, and Caterina Stoppato. Division algebras of slice functions. *Proceedings of the Royal Society of Edinburgh: Section A Mathematics*, 150(4):2055–2082, 2020. Published online: 15 March 2019. DOI: <http://dx.doi.org/10.1017/prm.2019.13>.
- [5] Alessandro Perotti. Slice regularity and harmonicity on Clifford algebras. In *Topics in Clifford Analysis – Special Volume in Honor of Wolfgang Sprögig*, Trends Math. Springer, Basel, 2019. DOI: 10.1007/978-3-030-23854-4.
- [6] Riccardo Ghiloni and Alessandro Perotti. The quaternionic Gauss–Lucas theorem. *Ann. Mat. Pura Appl. (4)*, 197(6):1679–1686, 2018.
- [7] Riccardo Ghiloni, Valter Moretti, and Alessandro Perotti. Spectral representations of normal operators via Intertwining Quaternionic Projection Valued Measures. *Rev. Math. Phys.*, 29(10):1750034, 73, 2017. DOI: <http://dx.doi.org/10.1142/S0129055X17500349>.
- [8] Riccardo Ghiloni, Alessandro Perotti, and Caterina Stoppato. The algebra of slice functions. *Trans. Amer. Math. Soc.*, 369(5):4725–4762, 2017, electronically published on November 28, 2016. DOI: <http://dx.doi.org/10.1090/tran/6816>.
- [9] Riccardo Ghiloni, Alessandro Perotti, and Caterina Stoppato. Singularities of slice regular functions over real alternative $*$ -algebras. *Adv. Math.*, 305:1085–1130, 2017, electronically published on October 13, 2016. DOI: <http://dx.doi.org/10.1016/j.aim.2016.10.009>.
- [10] Riccardo Ghiloni, Alessandro Perotti, and Vincenzo Recupero. Noncommutative Cauchy integral formula. *Complex Anal. and Oper. Theory*, 11(2):289–306, 2017. DOI: <http://dx.doi.org/10.1007/s11785-016-0543-6>.

- [11] Riccardo Ghiloni and Alessandro Perotti. Global differential equations for slice regular functions. *Math. Nachr.*, 287(5-6):561–573, 2014. DOI: <http://dx.doi.org/10.1002/mana.201200318>.
- [12] Riccardo Ghiloni and Alessandro Perotti. Power and spherical series over real alternative \ast -algebras. *Indiana Univ. Math. J.*, 63(2):495–532, 2014. DOI: <http://dx.doi.org/10.1512/iumj.2014.63.5227>.
- [13] Riccardo Ghiloni, Valter Moretti, and Alessandro Perotti. Continuous slice functional calculus in quaternionic Hilbert spaces. *Rev. Math. Phys.*, 25(4):1350006, 83, 2013. DOI: <http://dx.doi.org/10.1142/S0129055X13500062>.
- [14] Riccardo Ghiloni and Alessandro Perotti. Slice regular functions on real alternative algebras. *Adv. Math.*, 226(2):1662–1691, 2011. DOI: <http://dx.doi.org/10.1016/j.aim.2010.08.015>.
- [15] Riccardo Ghiloni and Alessandro Perotti. Zeros of regular functions of quaternionic and octonionic variable: a division lemma and the camshaft effect. *Ann. Mat. Pura Appl. (4)*, 190(3):539–551, 2011. DOI: <http://dx.doi.org/10.1007/s10231-010-0162-1>.

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