

Lista delle Pubblicazioni

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References

- **Papers on Proceedings of Conferences and Prefaces of special issues:**

- [1] F. Cluni, D. Costarelli, A.M. Minotti, G. Vinti, *Multivariate sampling Kantorovich operators: approximation and applications to civil engineering*, EURASIP Open Library, Proceedings of SampTA 2013, 10th International Conference on Sampling Theory and Applications, July 1st - July 5th, 2013, Jacobs University, Bremen, pp. 400-403.
- [2] D. Costarelli, G. Vinti, *Sampling Kantorovich operators and their applications to approximation problems and to Digital Image Processing*, Proceedings of 8th International Conference on Applied Mathematics, Simulation, Modelling (ASM'14), Florence, Italy November 22-24, 2014. In: Recent Advances in Applied Mathematics, Modelling and Simulation, (2014) 256-260.
- [3] D. Costarelli, G. Vinti, *Multivariate sampling Kantorovich operators: from the theory to the Digital Image Processing algorithm*, PAMM - Proceedings in Applied Mathematics and Mechanics, 15 (2015), 655-656.
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- [5] F. Cluni, D. Costarelli, A.M. Minotti, G. Vinti *Applications of Approximation Theory to thermographic images in earthquake engineering*, PAMM - Proceedings in Applied Mathematics and Mechanics, 15 (2015), 663-664.
- [6] D. Costarelli, M. Seracini, G. Vinti, *Approximation problems for digital image processing and applications*, In: Computational Science and Its Applications - ICCSA 2018, O. Gervasi et al. (Eds.), Springer International Publishing AG, Cham. Lecture Notes in Computer Science, 10960 (2018) 19-31.

- [7] E. Cieri, B. Fiorucci, D. Costarelli, G. Isernia, M. Seracini, G. Simonte, G. Vinti, *An Automated Algorithm to Evaluate the Patent Aortic Lumen in Non Contrast Computed Tomographies*, European Journal of Vascular and Endovascular Surgery, 58 (6) Supplement 2, (2019) e275-e276.
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- [9] D. Costarelli, *Preface: Special issue on approximation by linear and nonlinear operators with applications. Part II*, Mathematical Foundations of Computing, 5 (3) (2022) i-ii.
- [10] D. Costarelli, *Preface: Special issue on approximation by linear and nonlinear operators with applications. Part III*, Mathematical Foundations of Computing, 6 (1) (2023) i-ii.

• **Papers on International Journals:**

- [11] D. Costarelli, G. Vinti, *Approximation by Multivariate Generalized Sampling Kantorovich Operators in the Setting of Orlicz Spaces*, Bollettino U.M.I., Special volume dedicated to Prof. Giovanni Prodi, (9) **IV** (2011), 445-468.
- [12] D. Costarelli, G. Vinti, *Approximation by Nonlinear Multivariate Sampling-Kantorovich Type Operators and Applications to Image Processing*, Numerical Functional Analysis and Optimization, 34 (8) (2013), 819-844.
- [13] D. Costarelli, R. Spigler, *Constructive approximation by superposition of sigmoidal functions*, Analysis in Theory and Applications, 29 (2) (2013), 169-196.
- [14] D. Costarelli, R. Spigler, *Solving Volterra integral equations of the second kind by sigmoidal functions approximation*, Journal of Integral Equations and Applications, 25 (2) (2013), 193-222.
- [15] D. Costarelli, R. Spigler, *Approximation results for neural network operators activated by sigmoidal functions*, Neural Networks, 44 (2013) 101-106.
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• **Papers in Press:**

- [103] D. Costarelli, G. Vinti, *Asymptotic theorems for Durrmeyer sampling operators with respect to the L^p -norm*, in print in: S. D. Casey et al. (eds.), Sampling, Approximation, and Signal Analysis (Harmonic Analysis in the spirit of J. Rowland Higgins), Applied and Numerical Harmonic Analysis, Springer-Birkhauser, (2023) [https : //doi.org/10.1007/978 – 3 – 031 – 41130 – 4₂](https://doi.org/10.1007/978-3-031-41130-4_2).
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