

Related publications of the team in reputable Scientific Journals and Conferences

- [1] C. Papaodysseus, D. K. Fragoulis, M. Panagopoulos, T. Panagopoulos, P. Rousopoulos, M. Exarhos, and A. Skembris “Determination of the method of construction of 1650 B.C. wall paintings”, *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 28, pp.1-11, September 2006.
- [2] C. Papaodysseus, M. Exarhos, Th. Panagopoulos, C. Triantafyllou, G. Roussopoulos, Af. Pantazi, V. Loumos, D. Fragoulis and C. Doumas. “Identification of geometrical shapes in paintings and its application to demonstrate the foundations of geometry in 1650 B.C.,” *IEEE Transactions on Image Processing*, vol. 14, p. 862- 873, July 2005.
- [3] C. Papaodysseus, Th. Panagopoulos, M. Exarhos, D. Fragoulis, G. Roussopoulos, P. Roussopoulos, G. Galanopoulos, C. Triantafyllou, A. Vlachopoulos and C. Doumas, “Distinct, late bronze age (c. 1650 B.C.) wall-paintings from Akrotiri, Thera, comprising advanced geometrical patterns,” *Archaeometry*, vol 48, pp. 97 – 114, January 2006.
- [4] C. Papaodysseus, M. Panagopoulos, P. Rousopoulos, G. Galanopoulos and C. Doumas, “Geometric templates used in the Akrotiri (Thera) wall-paintings”, *Antiquity*, vol. 82, pp. 401–408, June 2008.
- [5] P. Roussopoulos, C. Papaodysseus, D. Arabadjis, M. Exarhos and M. Panagopoulos, “Image and pattern analysis for the determination of the method of drawing celebrated Thera wall-paintings circa 1650 B.C.,” *ACM Journal on Computing and Cultural Heritage*, vol. 3, September 2010.
- [6] D. Fragoulis, A. Skembris, C. Papaodysseus, P. Rousopoulos, Th. Panagopoulos, M. Panagopoulos, C. Triantafyllou, A. Vlachopoulos and C. Doumas, “Origins and application of geometry in the Thera prehistoric civilization ca. 1650 BC”, *CENTAURUS*, vol. 47, pp. 316–340, October 2005.
- [7] D. Arabadjis, P. Rousopoulos, C. Papaodysseus, M. Exarhos, M. Panagopoulos and L. Papazoglou-Manioudaki, "Optimization in Differentiable Manifolds in Order to Determine the Method of Construction of Prehistoric Wall-Paintings", *IEEE Trans. on Pattern Analysis and Machine Intelligence*, vol. 33, no. 11, pp. 2229-2244, 2011.
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- [9] Rousopoulos, P., Papaodysseus, C., Arabatzis, D., Exarhos, M., Panagopoulos, M., “Reconstruction of c.1650 B.C. fragmented wall paintings by exploitation of the thematic content”, (2011) *International Journal of Imaging*, 5 (11), pp. 1-7.
- [10] Rousopoulos, P., Arabadjis, D., Panagopoulos, M., Papaodysseus, C., Papazoglou, E., “Determination of the method of drawing of prehistoric wall-paintings via original methods of pattern recognition and image analysis” (2009) *Proceedings - International Conference on Image Processing, ICIP*, art. no. 5413987, pp. 65-68.

[11] P.Tsakalidou, D.Arabadjis, C.Papaodysseus, M.Exarhos, P. Rousopoulos, F.Giannopoulos, E.Fotopoulos, M.Panagopoulos, “Advanced Geometric Guides Were Used for the Drawing of Celebrated Late Bronze Age Wall Paintings”, *10th International Symposium on the Conservation of Monuments in the Mediterranean Basin*, Springer International Publishing, 2018.