

Publikációk

1. Hajdu, A., Hajdu, L., Jónás, Á., Kovács, L., Tomán, H.: Generalizing the Majority Voting Scheme to Spatially Constrained Voting, *IEEE Trans. on Image Processing* **22(11)** (2013), 4182-4194, IF=3.042.
2. Hajdu, A., Hajdu, L., Kovács, L., Tomán, H.: Diversity Measures for Majority Voting in the Spatial Domain, *Lecture Notes in Artificial Intelligence* **8073** (2013), 314-323.
3. Tomán, H., Kovács, L., Jónás, Á., Hajdu, L., Hajdu, A.: Generalized Weighted Majority Voting with an Application to Algorithms Having Spatial Output, *Lecture Notes in Artificial Intelligence* **7209** (2012), 56-67.
4. Tomán, H., Kovács, L., Jónás, Á., Hajdu, L., Hajdu, A.: A Generalization of Majority Voting Scheme for Medical Image Detectors, *Lecture Notes in Artificial Intelligence* **6679/2** (2011), 189-196.
5. Tomán, H., Tornai, R., Zichar, M.: Complex Fiber Visualization, *Ann. Math. Inform.* **34** (2007), 103-109. Zbl 1135.68604
6. Tomán, H.: Canonical Coordinate Systems and Exponential Maps of n -loop, *Note di Matematica* **24/2** (2005), 1-7.
MR2223649 (2007g:20063), Zbl 1113.22003
7. Tomán, H.: Geometric Investigations in Loop Theory and in Image Processing (PhD Disszertáció), Debreceni Egyetem, 2015.
8. Papp, I., Tomán, H., Kunkli, R., Zichar, M.: Korszerű technológiák megjelenése a fogorvosképzésben, *Matematikát, Fizikát és Informatikát Oktatók XL. Országos Konferenciája*, Székesfehérvár, 2016, 245-250.
9. Tóth, J., Tomán, H., Hajdu, A.: Improving the Performance of an Ensemble-Based Exudate Detection System using Stochastic Parameter Optimization, *37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC 2015)*, Milanó, 2015, 5243-5246.
10. Papp, I., Tomán, H., Kunkli, R., Zichar, M.: Alkalmazott informatika a fogorvosképzésben, *Új alapokon az egészségügyi informatika: A XXVIII. Neumann Kollokvium konferencia-kiadványa*, Veszprém, 2015, 26-31.
11. Szeghalmy, Sz., Tomán, H., Hajdu, A.: Detecting Digital Intersections Using Line Approximation, *8th International Conference on Applied Informatics*, Eger, 2010, 161-171. Zbl 1245.68236

12. Tomán, H., Hajdu, A., Szakács, J., Hornyik, D., Csutak, A., Pető, T.: Thickness-based Binary Morphological Improvement of Distorted Digital Line Intersections, 5th Hungarian Conference on Computer Graphics and Geometry, Budapest, 2010, 133-139.
13. Tomán, H., Tornai, R., Zichar, M.: New DTI Visualization Methods, 13th International Conference on Geometry and Graphics, Dresden, 2008, 1-6. ISBN 978-3-86780-042-6
14. Tomán, H.: On n -loops and $(n+1)$ -webs, 26th Conference on Geometry and Computer Graphics, Nove Mesto na Morave, 2006, 259-264.
15. Papp, I., Tomán, H.: Experiences about the Mathematical and Geometrical Courses for the Students on Faculty of Informatics, 5th International Conference on Applied Informatics, Eger, 2001, 225-228.