Anna Fabijańska

Lista publikacji
z dnia 30 października 2010

Rozdziały w książkach i monografiach

1. **Fabijańska A.**, ***Switching median filter for denosing images corrupted by impulse noise***, **[w:]** ***Recent Advances in Numerical Modelling***, Sikora J., Wójcik W., Wójtowicz S., Electrotechnical Institute Publishing House, 2009: 175-179
2. **Fabijańska A.**, ***An approach to segmentation of bronchial tree form volumetric CT chest scans***, **[w:]** ***Recent advances in numerical modelling***, Sikora J., Wójcik W., Wójtowicz S., Electrotechnical Institute Publishing House, 2009: 143-147
3. **Fabijańska A.**, Janaszewski M., Postolski M., Babout L., ***Airway tree segmentation from CT scans using gradient-guided 3D region growing***, **[w:]** ***Lecture Notes in Computer Science, 5856***, Springer Berlin/Heidelberg, 2009: 217-224
4. **Fabijańska A.**, ***A fuzzy segmentation method for images of heat-emitting objects***, **[w:]** ***Lecture Notes in Computer Science, 5856***, Springer Berlin/Heidelberg, 2009: 247-254
5. **Fabijańska A.**, ***Results of applying two-pass region growing algorithm for airway tree segmentation to MDCT chest scans from EXACT database***, **[w:]** ***The Second International Workshop on Pulmonary Image Analysis***, Brown M. et al., CreateSpace, USA, 2009: 251-260
6. Postolski M., Janaszewski M., **Fabijańska A.**, Babout L., Couprie M., Jędrzejczyk M., Stefańczyk L., ***Reliable airway tree segmentation based on hole closing in bronchial walls***, **[w:]** ***Computer Recognition Systems 3, Advances in Intelligent and Soft Computing, 57***, Springer Berlin/Heidelberg, 2009: 389-396

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1. **Fabijańska A.**, Sankowski D., 2010, ***Noise adaptive switching median-based filter for impulse noise removal from extremely-corrupted images***, *IET Image Processing*, DOI: 10.1049/iet-ipr.2009.0178, (w druku)
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3. **Fabijańska A.**, Sankowski D., 2009, ***Improvement of image quality of high-temperature vision system,*** *Measurement Science and Technology* 20(104018): 9, DOI: 10.1088/0957-0233/20/10/104018
4. **Fabijańska A.**, Sankowski D., 2009, ***Computer vision system for high temperature measurements of surface properties***, *Machine Vision and Applications* 20(6): 411-421, DOI: 10.1007/s00138-008-0135-1

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1. **Fabijańska A.**, Sankowski D., 2009, ***Optical filters' influence on digital image quality in high temperature measurements of surface properties***, *Journal of Applied Computer Science Methods* 1(2): 53-63
2. **Fabijańska A.**, Sankowski D., 2009, ***Optimal selection of image segmentation algorithm for heat-emitting objects***, *Journal of Applied Computer Science Methods* 1(2): 43-51
3. **Fabijańska A.**, 2009, ***Two-pass median filter for impulse noise removal***, *Automatyka* 13(3): 807-820
4. Postolski M., Janaszewski M., **Fabijańska A.**, Babout L, Jędrzejczyk M., Stefańczyk L., 2009, ***Segmentacja drzewa oskrzelowego z wykorzystaniem algorytmu zamykania otworów***, *Automatyka* 13(3): 949-948
5. **Fabijańska A.**, Postolski M., Janaszewski M., Babout L., 2009, ***Analiza porównawcza algorytmów segmentacji drzewa oskrzelowego***, *Automatyka* 13(3): 821-830

6. **Fabijańska A.**, Sankowski D., 2008, ***Filtry optyczne w systemie wizyjnym do wysokotemperaturowych pomiarów właściwości powierzchniowych metali i ich stopów***, *Automatyka* 12(3): 625-639
7. **Fabijańska A.,** 2008, ***Image enhancement algorithms for high-temperature measurements of surface properties of selected metals and alloys***, *Zeszyty naukowe Politechniki Łódzkiej*, Seria: Elektryka 113: 45-55
8. **Fabijańska A.**, Strzecha K., Sankowski D., 2007, ***Nowe podejście do usuwania szumu w drodze filtracji medianowej***, *Automatyka* 11(3): 59-74
9. **Fabijańska A.**, Sankowski D., 2007, ***Kalibracja systemu pomiarowego z kamerą CCD dla potrzeb wysokotemperaturowych pomiarów właściwości powierzchniowych***, *Automatyka* 11(3): 49-58
10. Strzecha K., **Fabijańska A.**, Sankowski D., 2006, ***Nowe algorytmy segmentacji w wysokotemperaturowym przemysłowym systemie analizy obrazów***, *Automatyka* 10(3): 283-297

Prace pokonferencyjne (z wyłączeniem krótkich komunikatów)

1. **Fabijańska A.**, ***Sub-pixel approach to detection of significantly blurred edges***, **[w:]** ***Proc. IEEE International Conference on Signals and Electronic Systems***, 2010: 135-138
2. **Fabijańska A.**, Sankowski D., ***Edge detection with sub-pixel accuracy in images of molten metals***, **[w:]** ***Proc. IEEE International Conference on Imaging Systems and Techniques***, 2010: 186-191
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4. **Fabijańska A.**, ***A survey of thresholding algorithms on yarn images***, **[w:]** ***Proc. IEEE 6th International Conference Perspective Technologies and Methods in Mems Design***, 2010: 23-26
5. **Fabijańska A.**, Koszmider T., Strzecha K., Bąkała M., ***Precise edge detection in images of melted specimens of metals and alloys***, **[w:]** ***Proc. IEEE 6th International Conference Perspective Technologies and Methods in Mems Design***: 2010: 67-70
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9. **Fabijańska A.**, ***The influence of preprocessing of CT images on airway tree segmentation using 3D region growing***, **[w:]** ***Proc. IEEE 5th International Conference Perspective Technologies and Methods in Mems Design***, 2009: 85-88
10. **Fabijańska A.**, ***The recursive approach to image segmentation***, **[w:]** ***Proc. IEEE 5th International Conference Perspective Technologies and Methods in Mems Design***, 2009: 53-55
11. Fabijańska A., Sankowski D., ***Algorithm of optical filter self-acting change for high temperature applications of vision systems***, **[w:]** ***Proc. IEEE International Conference on Signals and Electronic Systems***, 2008: 363-366
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13. **Fabijańska A.**, Sankowski D., ***Edge detection in brain images***, **[w:]** ***Proc. IEEE 4th International Conference on Perspective Technologies and Methods in Mems Design***, 2008: 60-62
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17. Fabijańska A., Sankowski D., ***The new approach to impulse noise removal using double median filtration algorithm***, **[w:]** ***Proc. XV Konferencja Sieci i Systemy Informatyczne***, 2007: 141-143
18. **Fabijańska A.**, Sankowski D., ***Aura removal algorithm for high-temperature image quantitative analysis systems***, **[w:]** ***Proc. IEEE 14th International Conference Mixed Design of Integrated Circuits and Systems***, 2007: 617-621
19. Sankowski D., **Fabijańska A.**, ***CCD camera instrumental background estimation algorithm***, **[w:]** ***Proc. IEEE Instrumentation and Measurement Technology Conference***, 2007: 7407
20. **Fabijańska A.**, Sankowski D., ***Image noise removal-the new approach***, **[w:]** ***Proc. IEEE 9th International Conference on The Experience of Designing and Application of CAD Systems in Microelectronics***, 2007: 457-459
21. **Fabijańska A.**, Strzecha K., Sankowski D., ***Determination of image segmentation quality***, **[w:]** ***Proc. IEEE 9th International Conference on The Experience of Designing and Application of CAD Systems in Microelectronics***, 2007: 439-441
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23. Sankowski D., Strzecha K., **Fabijańska A.**, ***Edge detection algorithm - the new approach***, **[w:]** ***Proc. XIV Konferencja Sieci i Systemy Informatyczne***, 2006: 195-197
24. Strzecha K., **Fabijańska A.**, Sankowski D., ***Segmentation algorithms for industrial image quantitative analysis systems***, **[w:]** ***Proc. XVIII IMEKO World Congress Metrology for a Sustainable Development***, 2006: 164
25. Strzecha K., **Fabijańska A.**, Sankowski D., ***Application of the edge-based image segmentation***, **[w:]** ***Proc. IEEE International Conference on Perspective Technologies and Methods in Mems Design***, 2006: 28-31
26. Strzecha K., **Fabijańska A.**, ***Factors restricting accuracy of CCD camera images founded high temperature measurements***, **[w:]** ***Proc. IEEE International Conference: Modern Problems of Radio Engineering, Telecommunications and Computer Science***, 2006: 317-319