**DOI ДЛЯ СТАТЕЙ ИТНТ-2019, РАЗМЕЩЕННЫХ В CEUR-WS.ORG**

**Том 2391**

|  |  |  |  |
| --- | --- | --- | --- |
| № | Автор | Заголовок | DOI |
| 1 | N V Rodionova | Identification of thawed and frozen soil state in some Siberia regions by multi-temporal Sentinel 1 radar data in 2017-2018 | 10.18287/1613-0073-2019-2391-1-10 |
| 2 | M S Boori, R Paringer, K Choudhary and A Kupriyanov | Vegetation Drought Dynamic Analysis in European Russia | 10.18287/1613-0073-2019-2391-11-22 |
| 3 | A Maksimov, M Gashnikov | Parameter space dimension reduction of an adaptive interpolator during multidimensional signal differential compression | 10.18287/1613-0073-2019-2391-23-30 |
| 4 | M V Gashnikov | Interpolation of multidimensional signals using the reduction of the dimension of parametric spaces of decision rules | 10.18287/1613-0073-2019-2391-31-40 |
| 5 | V R Krasheninnikov , A U Subbotin | Double stochastic wave models of multidimensional random fields | 10.18287/1613-0073-2019-2391-41-47 |
| 6 | L V Shiripova , E V Myasnikov | Human action recognition using dimensionality reduction and support vector machine | 10.18287/1613-0073-2019-2391-48-53 |
| 7 | V Dementev, D Kondratev | Applying doubly stochastic filters to evaluate the dynamics of object sizes on satellite image sequences | 10.18287/1613-0073-2019-2391-54-59 |
| 8 | K Choudhary, M S Boori and A Kupriyanov | Groundwater Potential Zones in Relation to Catchment Condition in Orenburg, Russia | 10.18287/1613-0073-2019-2391-60-65 |
| 9 | A A Borodinov , A S Yumaganov and A A Agafonov | Public transport route planning in the stochastic network based on the user individual preferences | 10.18287/1613-0073-2019-2391-66-71 |
| 10 | N A Andriyanov, K K Vasiliev | Optimal filtering of multidimensional random fields generated by autoregressions with multiple roots of characteristic equations | 10.18287/1613-0073-2019-2391-72-78 |
| 11 | N A Andriyanov, M N Sluzhivy | Solution for the problem of the parameters identification for autoregressions with multiple roots of characteristic equations | 10.18287/1613-0073-2019-2391-79-85 |
| 12 | R V Dosaev , K I Kiy | A new real-time method for finding temporary and permanent road marking and its applications | 10.18287/1613-0073-2019-2391-86-96 |
| 13 | N I Glumov, M V Gashnikov | Adaptive interpolation of multidimensional signals for compression on board an aircraft | 10.18287/1613-0073-2019-2391-97-102 |
| 14 | G L Safina , A G Tashlinskii and M G Tsaryov | Adaptation of the mathematical apparatus of the Markov chain theory for the probabilistic analysis of recurrent estimation of image inter-frame geometric deformations | 10.18287/1613-0073-2019-2391-103-108 |
| 15 | O E Malenova, L I Trubnikova, A S Yashina and M L Albutova | Algorithm for detecting spherulite marker in human blood serum facies | 10.18287/1613-0073-2019-2391-109-113 |
| 16 | A G Tashlinskii, A V Zhukova and D G Kraus | Convergence characteristics at stochastic estimation of image inter-frame deformations | 10.18287/1613-0073-2019-2391-114-120 |
| 17 | Yu A Podgornova, S S Sadykov | Comparative analysis of segmentation algorithms for the allocation of microcalcifications on mammograms | 10.18287/1613-0073-2019-2391-121-127 |
| 18 | N Yu Ilyasova, T A Chesnokova | Development of the technique for automatic highlighting ranges of interest in lungs x-ray images | 10.18287/1613-0073-2019-2391-128-133 |
| 19 | A A Morozov , O S Sushkova, I A Kershner and A F Polupanov | Development of a Method of Terahertz Intelligent Video Surveillance Based on the Semantic Fusion of Terahertz and 3D Video Images | 10.18287/1613-0073-2019-2391-134-143 |
| 20 | M O Elantcev , I O Arkhipov and R M Gafarov | A method of iterative image normalization for tasks of visual navigation of UAVs | 10.18287/1613-0073-2019-2391-144-152 |
| 21 | V N Nesterov, V M Mukhin and D V Nesterov | Method for reconstructing the real coordinates of an object from its plane image | 10.18287/1613-0073-2019-2391-153-159 |
| 22 | A S Kornilov, I V Safonov , A V Goncharova and I V Yakimchuk | Selection in a 3D microtomographic image the region with the highest quality | 10.18287/1613-0073-2019-2391-160-168 |
| 23 | A N Ruchay, K A Dorofeev and V V Kalschikov | Accuracy analysis of 3D object reconstruction using point cloud filtering algorithms | 10.18287/1613-0073-2019-2391-169-174 |
| 24 | A B Burlakov, A S Machikhin, D D Khokhlov, V I Kuzmin, A F Gadzaov, D L Tytik, S A Busev, V E Kasatkin and L A Sleptsova | Early diagnosis of a developing biosystem using acousto-optic imaging | 10.18287/1613-0073-2019-2391-175-179 |
| 25 | N S Abramov, А А Talalayev, V P Fralenko, O G Shishkin and V M Khachumov | Neural network technology to search for targets in remote sensing images of the Earth | 10.18287/1613-0073-2019-2391-180-186 |
| 26 | Z Zh Zhanabaev, T Yu Grevtseva, K A Gonchar, G K Mussabek, D Yermukhamed, A A Serikbayev, R B Assilbayeva, A Zh Turmukhambetov and V Yu Timoshenko | Nonlinear analysis of the degree of order and chaos of morphology of porous silicon nanostructures | 10.18287/1613-0073-2019-2391-187-197 |
| 27 | A A Borodinov , V V Myasnikov | Analysis of the preferences of public transport passengers in the task of building a personalized recommender system | 10.18287/1613-0073-2019-2391-198-205 |
| 28 | D Е Andrianov , S V Eremeev and Y A Kovalev | Algorithm for constructing three-dimensional Barcodes to represent nD spatial objects in GIS | 10.18287/1613-0073-2019-2391-206-210 |
| 29 | A S Pyataev, A Y Redkin and A V Pyataeva | Tree state category identification for boreal area conifers using global features estimation by fuzzy logic approach | 10.18287/1613-0073-2019-2391-211-215 |
| 30 | E V Myasnikov | Automatic search for vanishing points on mobile devices | 10.18287/1613-0073-2019-2391-216-221 |
| 31 | E N Dremov , S Yu Miroshnichenko and V S Titov | Optimal tuning of the contour analysis method to recognize aircraft on remote sensing imagery | 10.18287/1613-0073-2019-2391-222-232 |
| 32 | A Y Denisova, L M Kavelenova, E S Korchikov, A V Pomogaybin, N V Prokhorova, D A Terentyeva, V A Fedoseev and N V Yankov | Recognition of forest and shrub communities on the base of remotely sensed data supported by ground studies | 10.18287/1613-0073-2019-2391-233-242 |
| 33 | A S Kovalenko , Y M Demyanenko | Image clustering by autoencoders | 10.18287/1613-0073-2019-2391-243-249 |
| 34 | R V Brezhnev, Yu A Maglinets, K V Raevich and G M Tsibulsky | The peculiarities of interaction between the end-user and the remote sensing system for spatial objects detection and recognition | 10.18287/1613-0073-2019-2391-250-257 |
| 35 | N I Evdokimova and V V Myasnikov | The image series forgery detection algorithm based on the camera pattern noise analysis | 10.18287/1613-0073-2019-2391-258-263 |
| 36 | E A Dmitriev , A A Borodinov , A I Maksimov and S A Rychazhkov | Automatic detection of constructions using binary image segmentation algorithms | 10.18287/1613-0073-2019-2391-264-268 |
| 37 | D M Murashov , A A Morozov and F D Murashov | A technique for detecting concealed objects in terahertz images based on information measure | 10.18287/1613-0073-2019-2391-269-274 |
| 38 | A Klikunova, A Khoperskov | Creation of digital elevation models for river floodplains | 10.18287/1613-0073-2019-2391-275-284 |
| 39 | D Murashov, Yu Obukhov, I Kershner and M Sinkin | A technique for detecting diagnostic events in video channel of synchronous video and electroencephalographic monitoring data | 10.18287/1613-0073-2019-2391-285-292 |
| 40 | E A Dmitriev , V V Myasnikov | Possibility estimation of 3D scene reconstruction from multiple images | 10.18287/1613-0073-2019-2391-293-296 |
| 41 | L I Lebedev, A O Shakhlan | Optimization of computational complexity of lossy compression algorithms for hyperspectral images | 10.18287/1613-0073-2019-2391-297-301 |
| 42 | N Yu Sevastianova and N S Vinogradova | Multi-channel data storage format definition for visualization tasks on the example of SPOT-4 images | 10.18287/1613-0073-2019-2391-302-308 |
| 43 | V P Gromov , L I Lebedev and V E Turlapov | Analysis and object markup of hyperspectral images for machine learning methods | 10.18287/1613-0073-2019-2391-309-317 |
| 44 | A A Ekimenko , E A Ekimenko and S V Shavetov | Application of vision systems to improve the effectiveness of monitoring compliance with technical safety requirements at industrial facilities | 10.18287/1613-0073-2019-2391-318-325 |
| 45 | A V Goncharova , I V Safonov and I A Romanov | The regression model for the procedure of correction of photos damaged by backlighting | 10.18287/1613-0073-2019-2391-326-333 |
| 46 | V N Kopenkov | Combined usage of the optical and radar remote sensing data in territory monitoring tasks | 10.18287/1613-0073-2019-2391-334-341 |
| 47 | M A Bolotov, V А Pechenin, N V Ruzanov and E J Kolchina | Surface recognition of machine parts based on the results of optical scanning | 10.18287/1613-0073-2019-2391-342-349 |
| 48 | E V Medvedeva, A I Evdokimova | Improving the accuracy of detecting the edges of texture objects in remote sensing images | 10.18287/1613-0073-2019-2391-350-357 |
| 49 | D Yu Vasin , V P Gromov and S I Rotkov | Geometric modeling of raster images of documents with weakly formalized description of objects | 10.18287/1613-0073-2019-2391-358-365 |
| 50 | V Fedoseev, T Androsova | Watermarking algorithms for JPEG 2000 lossy compressed images | 10.18287/1613-0073-2019-2391-366-370 |
| 51 | A A Egorova, V A Fedoseev | Evaluation of different embedding methods for JPEG authentication watermarking | 10.18287/1613-0073-2019-2391-371-379 |