

**Fisa de verificare a indeplinirii standardelor minimale**

**Candidat: Conf. Dr. Ing. Radu Gabriel Danescu**

**Domeniul: Calculatoare si Tehnologia Informatiei**

**Sumar criterii**

I1 = 4.98105 (I1>4)

P=9.27166 (P>2)

C=13.334 (C>5)

**Tabel pentru verificarea criteriilor I1 si P**

Nr.	Articol	Jurnal	Si	Ni	Aut. Principal	Pi	Si/Ni	Si/Pi	
1	R. Danescu, S. Nedevschi, "Probabilistic Lane Tracking in Difficult Road Scenarios Using Stereovision", IEEE Transactions on Intelligent Transportation Systems, vol. 10, No. 2, June 2009, pp. 272-282.	IEEE Transactions on Intelligent Transportation Systems	2.084	2	Da	1	1.042	2.084	
2	R. Danescu, F. Oniga, S. Nedevschi, "Modeling and Tracking the Driving Environment with a Particle Based Occupancy Grid", IEEE Transactions on Intelligent Transportation Systems, vol. 12, No. 4, December 2011, pp. 1331-1342.	IEEE Transactions on Intelligent Transportation Systems	2.084	3	Da	3	0.6946667	0.694666667	* autori cu contributii egale
3	R. Danescu, F. Oniga, V. Turcu, O. Cristea, "Long Baseline Stereovision for Automatic Detection and Ranging of Moving Objects in the Night Sky", Sensors, vol. 12, No. 10, October 2012, pp. 12940-12963.	Sensors	1.4	4	Da	1	0.35	1.4	
4	O. Cristea, P. Dolea, V. Turcu, R. Danescu, "Long baseline stereoscopic imager for close to Earth objects range measurements", Acta Astronautica, vol. 90, No. 1, September 2013, pp. 41-48.	Acta Astronautica	0.836	4	Da	4	0.209	0.209	
5	S. Nedevschi, V. Popescu, R. Danescu, T. Marita, F. Oniga, "Accurate Ego-Vehicle Global Localization at Intersections Through Alignment of Visual Data With Digital Map", IEEE Transactions on Intelligent Transportation Systems, vol. 14, No. 2, June 2013, pp. 673-687.	IEEE Transactions on Intelligent Transportation Systems	2.084	5	Nu	N.A.	0.4168	0	
6	D. Borza, A. S. Darabant, R. Danescu, "Eyeglasses Lens Contour Extraction from Facial Images Using an Efficient Shape Description", Sensors, vol. 13, No. 10, October 2013, pp. 13638-13658.	Sensors	1.4	3	Da	1	0.4666667	1.4	* doi autori principali, primul autor si cel corespondent
7	V. Popescu, S. Nedevschi, R. Danescu, T. Marita, "A Lane Assessment Method Using Visual Information Based on a Dynamic Bayesian Network", Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, accepted 2013, preprint online at publisher. <a href="http://www.tandfonline.com/doi/full/10.1080/15472450.2013.856724#">http://www.tandfonline.com/doi/full/10.1080/15472450.2013.856724#</a> .Uo4XBCerwQp	Journal of Intelligent Transportation Systems	1.173	4	Nu	N.A.	0.29325	0	
8	R. Danescu, S. Nedevschi, "A Particle Based Solution for Modeling and Tracking Dynamic Digital Elevation Maps", accepted 2013, DOI 10.1109/TITS.2013.2291447	IEEE Transactions on Intelligent Transportation Systems	2.084	2	Da	1	1.042	2.084	
9	R. Danescu, A. Ciurte, V. Turcu, "A Low Cost Automatic Detection and Ranging System for Space Surveillance in the Medium Earth Orbit Region and Beyond", Sensors, vol. 14, No. 2, February 2014, pp. 2703-2731.	Sensors	1.4	3	Da	1	0.4666667	1.4	
							<b>Criteriu I1</b>	<b>Criteriu P</b>	
					<b>Total</b>		<b>4.98105</b>	<b>9.271666667</b>	
					<b>Conditii</b>		<b>I1&gt;4</b>	<b>P&gt;2</b>	

Tabel pentru verificarea criteriului C (C>5)

Publicatie citata: R Danescu, S Nedevschi, "Probabilistic lane tracking in difficult road scenarios using stereovision", IEEE Transactions on Intelligent Transportation Systems, 10 (2), 272-282.

Nr.	Lucrare care citeaza	SRI	ni	SRI/ni
1	Efficient railway tracks detection and turnouts recognition method using HOG features Author(s): Qi, Zhiqian; Tian, Yingjie; Shi, Yong Source: NEURAL COMPUTING & APPLICATIONS Volume: 23 Issue: 1 Pages: 245-254 DOI: 10.1007/s00521-012-0846-0 Published: JUL 2013	0.494	2	0.247
2	Performance-Based Classification of Occupant Posture to Reduce the Risk of Injury in a Collision Author(s): Untaroiu, Costin D.; Adam, Thomas J. Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 14 Issue: 2 Pages: 565-573 DOI: 10.1109/TITS.2012.2223687 Published: JUN 2013	2.084	2	1.042
3	Integrated Lane and Vehicle Detection, Localization, and Tracking: A Synergistic Approach Author(s): Sivaraman, Sayanan; Trivedi, Mohan Manubhai Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 14 Issue: 2 Pages: 906-917 DOI: 10.1109/TITS.2013.2246835 Published: JUN 2013	2.084	2	1.042
4	Stochastic Lane Shape Estimation Using Local Image Descriptors Author(s): Liu, Guoliang; Woergoetter, Florentin; Markelic, Irene Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 14 Issue: 1 Pages: 13-21 DOI: 10.1109/TITS.2012.2205146 Published: MAR 2013	2.084	2	1.042
5	Robust Lane Sensing and Departure Warning under Shadows and Occlusions Author(s): Tapia-Espinoza, Rodolfo; Torres-Torriti, Miguel Source: SENSORS Volume: 13 Issue: 3 Pages: 3270-3298 DOI: 10.3390/s130303270 Published: MAR 2013	1.4	2	0.7
6	PSO Algorithm Particle Filters for Improving the Performance of Lane Detection and Tracking Systems in Difficult Roads Author(s): Cheng, Wen-Chang Source: SENSORS Volume: 12 Issue: 12 Pages: 17168-17185 DOI: 10.3390/s121217168 Published: DEC 2012	1.4	2	0.7
7	A Learning Approach Towards Detection and Tracking of Lane Markings Author(s): Gopalan, Raghuraman; Hong, Tsai; Shneier, Michael; et al. Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 13 Issue: 3 Special Issue: SI Pages: 1088-1098 DOI: 10.1109/TITS.2012.2184756 Published: SEP 2012	2.084	2	1.042
8	Robust Road Detection and Tracking in Challenging Scenarios Based on Markov Random Fields With Unsupervised Learning Author(s): Guo, Chunzhao; Mita, Seiichi; McAllester, David Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 13 Issue: 3 Special Issue: SI Pages: 1338-1354 DOI: 10.1109/TITS.2012.2187896 Published: SEP 2012	2.084	2	1.042

9	Stereo-Camera-Based Urban Environment Perception Using Occupancy Grid and Object Tracking Author(s): Thien-Nghia Nguyen; Michaelis, Bernd; Al-Hamadi, Ayoub; et al. Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 13 Issue: 1 Pages: 154-165 DOI: 10.1109/TITS.2011.2165705 Published: MAR 2012	2.084	2	1.042
10	A Note on the ITS Topic Evolution in the Period 2000-2009 at T-ITS Author(s): Cobo, Manolo J.; Lopez-Herrera, Antonio G.; Herrera, Francisco; et al. Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 13 Issue: 1 Pages: 413-420 DOI: 10.1109/TITS.2011.2167968 Published: MAR 2012	2.084	2	1.042
11	A New Framework for Stereo Sensor Pose Through Road Segmentation and Registration Author(s): Dornaika, Fadi; Alvarez, Jose M.; Sappa, Angel D.; et al. Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 12 Issue: 4 Pages: 954-966 DOI: 10.1109/TITS.2011.2117420 Published: DEC 2011	2.084	2	1.042
12	On-line road boundary modeling with multiple sensory features, flexible road model, and particle filter Author(s): Matsushita, Y.; Miura, J. Conference: 4th European Conference on Mobile Robots Location: Dubrovnik, CROATIA Date: SEP 23-25, 2009 Source: ROBOTICS AND AUTONOMOUS SYSTEMS Volume: 59 Issue: 5 Special Issue: SI Pages: 274-284 DOI: 10.1016/j.robot.2011.02.009 Published: MAY 2011	1.296	2	0.648
13	FLane: An Adaptive Fuzzy Logic Lane Tracking System for Driver Assistance Author(s): Reina, Giulio; Milella, Annalisa Source: JOURNAL OF DYNAMIC SYSTEMS MEASUREMENT AND CONTROL-TRANSACTIONS OF THE ASME Volume: 133 Issue: 2 Article Number: 021002 DOI: 10.1115/1.4003091 Published: MAR 2011	1.238	2	0.619
14	Road Detection Based on Illuminant Invariance Author(s): Alvarez, Jose M.; Lopez, Antonio M. Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 12 Issue: 1 Pages: 184-193 DOI: 10.1109/TITS.2010.2076349 Published: MAR 2011	2.084	2	1.042
15	Easy Calibration of a Blind-Spot-Free Fisheye Camera System Using a Scene of a Parking Space Author(s): Li, Shigang; Hai, Ying Source: IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS Volume: 12 Issue: 1 Pages: 232-242 DOI: 10.1109/TITS.2010.2085435 Published: MAR 2011	2.084	2	1.042

Total  
Conditii

C  
C>5

13.334