

**LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : PROSIDING**

Judul Karya Ilmiah (paper) : Speed Limit Traffic Sign Classification Using Multiple Features Matching

Jumlah Penulis : 2 orang

Status Pengusul : ~~Penulis Mandiri~~ / Penulis Pertama/~~Penulis ko~~ / Penulis Korespondensi.

Identitas Prosiding :

- a. Judul Prosiding : IT Convergence and Security 2017
- b. ISBN / ISSN : 978-981-10-6451-7
- c. Tahun Terbit, Tempat Pelaksanaan : 2017, Seoul, Korea Selatan
- d. Penerbit / organiser : Springer
- e. Alamat repository PT / Web prosiding : <http://eprints.itn.ac.id/5326/1/Aryu%20Proceeding%202017-1%20Speed%20Limit.pdf>
https://doi.org/10.1007/978-981-10-6451-7_26
- f. Terindeks di (jika ada) : Scopus

Kategori Publikasi Makalah : Prosiding Forum Ilmiah Internasional
(beri \checkmark pada kategori yang tepat : Prosiding Forum Ilmiah Nasional

Hasil Penilaian Peer Review :

Komponen Yang Dinilai5)	Nilai Maksimal Prosiding6)		Nilai Akhir Yang Diperoleh7)
	Internasional <input checked="" type="checkbox"/>	Nasional <input type="checkbox"/>	
a. Kelengkapan unsur isi paper (10 %)	2,5		2,5
b. Ruang lingkup dan kedalaman pembahasan (30 %)	7,5		6,9
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30 %)	7,5		6,9
d. Kelengkapan unsur dan kualitas penerbit/prosiding (30 %)	7,5		6,9
Total = (100%)	25		23
Nilai Pengusul = <i>sbg penulis pertama & korespondensi</i>		<i>0,6 x 23</i>	<i>13,8</i>

Komentar Peer Reviewer

- a. Kelengkapan dan kesesuaian unsur : *cukup memadai*
- b. Ruang lingkup & kedalaman pembahasan : *Kajian pustaka yg dibuat mestinya menyoroti algoritma yg dikembangkan bukan sebaliknya*
- c. Kecukupan dan kemutahiran data/informasi dan metodologi : *cukup banyak jurnal sbg ref*
- d. Kelengkapan unsur dan kualitas terbitan prosiding : *Prosiding terindeks pd Scopus*
- e. Indikasi Plagiasi : *80% masih pd batas yg diperbolehkan*
- f. Kesesuaian bidang ilmu : *sesuai bidang ilmu*

Malang, 25 Pebruari 2021

Reviewer 2,



Prof. Dr. Eng. Ir. I Made Wartana, MT
NIP/NIDN.: 196105031992021001/ 0003056101
Unit kerja : . Prodi Teknik Elektro.
Fakultas Teknologi Industri
Institut Teknologi Nasional Malang.
Jabatan Terakhir : Guru Besar
Bidang Ilmu : Teknik Elektro

**LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : PROSIDING**

Judul Karya Ilmiah : Speed Limit Traffic Sign Classification Using Multiple Features Matching (paper)

Jumlah Penulis : 2 orang

Status Pengusul : ~~Penulis Mandiri~~ / Penulis Pertama / ~~Penulis ko...~~ / Penulis Korespondensi.

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Komponen Yang Dinilai5)	Nilai Maksimal Prosiding6)		Nilai Akhir Yang Diperoleh7)
	Internasional	Nasional	
a. Kelengkapan unsur isi paper (10 %)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.3
b. Ruang lingkup dan kedalaman pembahasan (30 %)	<input type="checkbox"/>	<input type="checkbox"/>	7.4
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30 %)	<input type="checkbox"/>	<input type="checkbox"/>	7.3
d. Kelengkapan unsur dan kualitas penerbit/prosiding (30 %)	<input type="checkbox"/>	<input type="checkbox"/>	7.4
Total = (100%)	25	25	24.4
Nilai Pengusul = 60% x 24.4			14.64

Komentar Peer Reviewer

- a. Kelengkapan dan kesesuaian unsur : *isi artikel lengkap dan sesuai bingkai*
- b. Ruang lingkup & kedalaman pembahasan : *ruang lingkup sesuai, pembahasan, pembahasan mendalam*
- c. Kecukupan dan kemutakhiran data/informasi dan metodologi : *data/informasi mutakhir & metodologi jelas*
- d. Kelengkapan unsur dan kualitas terbitan prosiding : *prosidings terindeks Scopus*
- e. Indikasi Plagiasi : *Tidak ada indikasi plagiasi*
- f. Kesesuaian bidang ilmu : *sesuai bingkai ilmu penulisan*

Malang, 25 Februari 2021

Reviewer 1,



Prof. Dr. Eng. Ir. Abraham Lomi, MSEE
NIP/NIDN : Y. 1018500108/ 0721056201
Unit kerja : Prodi Teknik Elektro
Fakultas Teknologi Industri
Institut Teknologi Nasional Malang.
Jabatan Terakhir : Guru Besar
Bidang Ilmu : Teknik Elektro



Aryuanto Soetedjo <aryuanto@gmail.com>

ICITCS 2017 | LNEE | Your Paper Has Been Accepted!

1 message

ICITCS <icitcs@icatse.org>
To: aryuanto@gmail.com

Wed, Jun 21, 2017 at 6:03 PM

Important Notice: We are sending this notification to Only CONTACT AUTHOR. Please notify corresponding authors.

Dear Aryuanto Soetedjo,

Congratulations, after much consideration by ICITCS's committee and reviewers your paper has been accepted!

Submission ID: 1192

Paper Title: Speed Limit Traffic Sign Classification Using Multiple Features Matching

Your official acceptance letter can be viewed by following this link:

<http://icatse.org/icitcs2017/accept17/850377-v78fW6BM87.pdf>

Reviewer Comments and Final Paper submission URL will be sent to contact author by June 23th, 2016

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Sincerely,

ICITCS2017 Secretariat



Aryuanto Soetedjo <aryuanto@gmail.com>

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1 message

ICITCS <icitcs@icatse.org>
To: aryuanto@gmail.com

Thu, Jun 22, 2017 at 5:31 PM

Important Notice: We are sending this notification to Only CONTACT AUTHOR. Please notify corresponding authors.

Dear Aryuanto Soetedjo,

Congratulations, after much consideration by ICITCS's committee and reviewers your paper has been accepted!

Submission ID: 1192

Paper Title: Speed Limit Traffic Sign Classification Using Multiple Features Matching

Your Manuscript ID is **850377** and you will need to use this ID in order to complete the final paper submission as well as refer to conference in the future.

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<http://icatse.org/icitcs2017/reviewc17/850377-v78fW6BM87.pdf>

Sincerely,

ICITCS2017 Secretariat



Aryunto Soetedjo <aryunto@gmail.com>

[ICITCS2017] Submission ID 1192

1 message

ICITCS2017 <icitcs@icatse.org>

Reply-To: icitcs@icatse.org

To: aryunto@gmail.com, icitcs@icatse.org

Wed, May 31, 2017 at 10:59 PM

Thank you for your submission to ICITCS2017. Below is a copy of the information submitted for your records.

Submission ID: 1192

Title: Speed Limit Traffic Sign Classification Using Multiple Features Matching

Submission Type: 0

Student: No

Author 1:

First Name: Aryuanto

Last Name: Soetedjo

Position: Dr.

Organization: National Institute of Technology, Malang

Country: Indonesia

Email: aryuanto@gmail.com

Author 2:

First Name: I Komang

Last Name: Somawirata

Position: Dr.

Organization: National Institute of Technology, Malang

Country: Indonesia

Email:

Contact Author: Author 1

Alternate Contact:

Topic(s): Track 3. Computer Vision and Applications

Keywords: Speed limit traffic sign, HOG, MSER, template matching

Abstract: This paper presents the method to classify the speed limit traffic sign using multiple features, namely Histogram of Oriented Gradient (HOG) and Maximally Stable Extremal Regions (MSER) features. The classification process is divided into the outer circular ring matching and the inner part matching. The HOG feature is employed to match the outer circular ring of the sign, while MSER feature is employed to extract the digit number in the inner part of the sign. Both features are extracted from the grayscale image. The algorithm detects the rotation angle of the sign by analyzing the blobs which is extracted using MSER. In the matching process, tested images are matched with the standard reference images by calculating the Euclidean distance. The experimental results show that the proposed method for matching the outer circular ring works properly to recognize the circular sign. Further, the digit number matching achieves the high classification rate of 93.67% for classifying the normal and rotated speed limit signs. The total execution time for classifying six types of speed limit sign is 10.75ms

Comments:

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