

#175 (1570542503): Adaptive Background Subtraction for Monitoring System

#175 (1570542503): Adaptive Background Subtraction for Monitoring System



Property	Change Add	Value																																						
Conference and track		2019 International Conference on Information and Communications Technology (ICOI/ACT) - Signal Processing and Analysis																																						
Authors		<table border="1"> <thead> <tr> <th>Name</th> <th>ID</th> <th>Edit</th> <th>Flag</th> <th>Affiliation (edit for paper)</th> <th>Email</th> <th>Country</th> </tr> </thead> <tbody> <tr> <td>Afit Miranto</td> <td>1674026</td> <td></td> <td></td> <td>Universitas Lampung, Indonesia</td> <td>afit.miranto@gmail.com</td> <td>Indonesia</td> </tr> <tr> <td>Sri Ratna Sulistiyanti</td> <td>1512144</td> <td></td> <td></td> <td>University of Lampung, Indonesia</td> <td>sr_sulistiyanti@eng.unila.ac.id</td> <td>Indonesia</td> </tr> <tr> <td>Arinto Setyawan</td> <td>1421035</td> <td></td> <td></td> <td>University of Lampung, Indonesia</td> <td>fx.arinto@eng.unila.ac.id</td> <td>Indonesia</td> </tr> </tbody> </table>	Name	ID	Edit	Flag	Affiliation (edit for paper)	Email	Country	Afit Miranto	1674026			Universitas Lampung, Indonesia	afit.miranto@gmail.com	Indonesia	Sri Ratna Sulistiyanti	1512144			University of Lampung, Indonesia	sr_sulistiyanti@eng.unila.ac.id	Indonesia	Arinto Setyawan	1421035			University of Lampung, Indonesia	fx.arinto@eng.unila.ac.id	Indonesia										
Name	ID	Edit	Flag	Affiliation (edit for paper)	Email	Country																																		
Afit Miranto	1674026			Universitas Lampung, Indonesia	afit.miranto@gmail.com	Indonesia																																		
Sri Ratna Sulistiyanti	1512144			University of Lampung, Indonesia	sr_sulistiyanti@eng.unila.ac.id	Indonesia																																		
Arinto Setyawan	1421035			University of Lampung, Indonesia	fx.arinto@eng.unila.ac.id	Indonesia																																		
Title	Only the chairs (2ndicoiact2019-chairs@edas.info) can edit	<p><i>Adaptive Background Subtraction for Monitoring System</i></p> <p>Security is one of the most important things for human life at this time. Complex activities often cause homes to be left unattended. One of the actions taken by most people to guard their homes while traveling is to use CCTV (Closed Circuit Television) cameras. This conventional CCTV is less effective because the camera is only recording without analyzing objects. From the shortcomings, the camera is made so that it can monitor the activities of the changes in the movement of objects seen by the camera, in this case the object detected is human movement. The monitoring system using this camera can detect passing objects. This paper proposes the adaptive background subtraction method needed to adapt to frame changes. The background frame will always be updated against the previous background intensity inference. Then it will analyze the effectiveness of the method. The effectiveness of the method used is then evaluated by comparing the results of object extraction with ground truth. The best success rate in object detection from object detection method is measured by calculating recall precision and F-measure values. The experimental results show satisfactory performance from the proposed method.</p>																																						
Abstract	Only the chairs (2ndicoiact2019-chairs@edas.info) can edit																																							
Topics	Only the chairs (2ndicoiact2019-chairs@edas.info) can edit	Signal Processing and Analysis; Image, Speech, and Signal Processing																																						
Presenter(s)		Afit Miranto																																						
Registration		Afit Miranto has registered and paid for RB1:B1S																																						
Session		2B: <i>Parallel Session 2-B</i> from Wed, July 24, 2019 13:00 until 15:00 (6th paper) in PARANGKUSUMA Room (15 min.)																																						
DOI	Only the chairs (2ndicoiact2019-chairs@edas.info) can edit																																							
Status		Published																																						
Copyright form		IEEE; IEEE: May 1, 2019 22:39:07 America/New York However, authors cannot upload: paper status																																						
Review manuscript		<table border="1"> <thead> <tr> <th>Document (show)</th> <th>Pages</th> <th>File size</th> <th>Changed</th> </tr> </thead> <tbody> <tr> <td></td> <td>5</td> <td>884,729</td> <td>Apr 5, 2019 01:25:06 America/New York </td> </tr> <tr> <td>pdf authormeta</td> <td colspan="3">Doubleblind conference, but author name 'Sulistiyanti' is in PDF meta data. See FAQ for details.</td> </tr> <tr> <td>pdf authorname</td> <td colspan="3">Doubleblind conference, but author name 'Setyawan' is visible on first page. (This is only a warning; ignore if false positive.) See FAQ for details.</td> </tr> </tbody> </table> <p>However, authors cannot upload: presentation deadline</p> <table border="1"> <thead> <tr> <th>Document (show)</th> <th>Pages</th> <th>File size</th> <th>Changed</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>9,359,671</td> <td>Jun 10, 2019 10:11:12 America/New York</td> </tr> <tr> <td>pptx papertitle</td> <td colspan="3">The paper title <i>Adaptive Background Subtraction for Monitoring System</i> was not found in the paper. (This is only a warning and may be mistaken if the title contains special characters.) PowerPoint PresentationAfit Miranto, Sri Ratna Sulist</td> </tr> </tbody> </table> <p>However, authors cannot upload: final deadline</p> <table border="1"> <thead> <tr> <th>Document (show)</th> <th>Pages</th> <th>File size</th> <th>Changed</th> <th>Similarity rating </th> </tr> </thead> <tbody> <tr> <td></td> <td>4</td> <td>713,663</td> <td>Aug 28, 2019 07:50:23 America/New York </td> <td></td> </tr> </tbody> </table>	Document (show)	Pages	File size	Changed		5	884,729	Apr 5, 2019 01:25:06 America/New York	pdf authormeta	Doubleblind conference, but author name 'Sulistiyanti' is in PDF meta data. See FAQ for details.			pdf authorname	Doubleblind conference, but author name 'Setyawan' is visible on first page. (This is only a warning; ignore if false positive.) See FAQ for details.			Document (show)	Pages	File size	Changed			9,359,671	Jun 10, 2019 10:11:12 America/New York	pptx papertitle	The paper title <i>Adaptive Background Subtraction for Monitoring System</i> was not found in the paper. (This is only a warning and may be mistaken if the title contains special characters.) PowerPoint PresentationAfit Miranto, Sri Ratna Sulist			Document (show)	Pages	File size	Changed	Similarity rating		4	713,663	Aug 28, 2019 07:50:23 America/New York	
Document (show)	Pages	File size	Changed																																					
	5	884,729	Apr 5, 2019 01:25:06 America/New York																																					
pdf authormeta	Doubleblind conference, but author name 'Sulistiyanti' is in PDF meta data. See FAQ for details.																																							
pdf authorname	Doubleblind conference, but author name 'Setyawan' is visible on first page. (This is only a warning; ignore if false positive.) See FAQ for details.																																							
Document (show)	Pages	File size	Changed																																					
		9,359,671	Jun 10, 2019 10:11:12 America/New York																																					
pptx papertitle	The paper title <i>Adaptive Background Subtraction for Monitoring System</i> was not found in the paper. (This is only a warning and may be mistaken if the title contains special characters.) PowerPoint PresentationAfit Miranto, Sri Ratna Sulist																																							
Document (show)	Pages	File size	Changed	Similarity rating																																				
	4	713,663	Aug 28, 2019 07:50:23 America/New York																																					
Presentation	Could upload until Aug 3, 2019 12:59:59 EDT .																																							
Final manuscript	Could upload until Aug 3, 2019 12:59:59 EDT .																																							
Stamped for attendee proceedings		<table border="1"> <thead> <tr> <th>Document (show)</th> <th>Pages</th> <th>File size</th> <th>Changed</th> </tr> </thead> <tbody> <tr> <td></td> <td>4 (153...156)</td> <td>756,386</td> <td>Jan 30, 2020 04:07:09 America/New York</td> </tr> </tbody> </table>	Document (show)	Pages	File size	Changed		4 (153...156)	756,386	Jan 30, 2020 04:07:09 America/New York																														
Document (show)	Pages	File size	Changed																																					
	4 (153...156)	756,386	Jan 30, 2020 04:07:09 America/New York																																					
Stamped for IEEE Xplore		<table border="1"> <thead> <tr> <th>Document (show)</th> <th>Pages</th> <th>File size</th> <th>Changed</th> </tr> </thead> <tbody> <tr> <td></td> <td>4 (153...156)</td> <td>758,126</td> <td>Jan 30, 2020 04:07:10 America/New York</td> </tr> </tbody> </table>	Document (show)	Pages	File size	Changed		4 (153...156)	758,126	Jan 30, 2020 04:07:10 America/New York																														
Document (show)	Pages	File size	Changed																																					
	4 (153...156)	758,126	Jan 30, 2020 04:07:10 America/New York																																					

Personal notes



You are the creator and an author for this paper. You have authored an accepted paper.

Reviews

3 Reviews

Review 1 (Reviewer F)

Relevance and timeliness (Rate the importance and timeliness of the topic addressed in the paper within its area of research.)

Good (4)

Technical content and scientific rigour (Rate the technical content of the paper. (e.g. completeness of the analysis or simulation study, thoroughness of the treatise, accuracy of the models, etc.), its soundness and scientific rigour.)

Good (4)

Novelty and originality (Rate the novelty and originality of the ideas or results presented in the paper.)

Good (4)

Quality of presentation (Rate the paper organization, the clearness of text and figures, the completeness and accuracy of references)

Good (4)

Recommendation (How do you rate your recommendation?)

Accept. (3)

Detailed comments (Please justify your recommendation and suggest improvements in technical content or presentation.)

1. The renewal effectiveness of the method is good
2. Evaluation
3. precision and F score all frame
4. Real color picture and gray scale picture

Review 2 (Reviewer H)

Relevance and timeliness (Rate the importance and timeliness of the topic addressed in the paper within its area of research.)

Average (3)

Technical content and scientific rigour (Rate the technical content of the paper. (e.g. completeness of the analysis or simulation study, thoroughness of the treatise, accuracy of the models, etc.), its soundness and scientific rigour.)

Average (3)

Novelty and originality (Rate the novelty and originality of the ideas or results presented in the paper.)

Below Average (2)

Quality of presentation (Rate the paper organization, the clearness of text and figures, the completeness and accuracy of references)

Average (3)

Recommendation (How do you rate your recommendation?)

Possible Accept. (2)

Detailed comments (Please justify your recommendation and suggest improvements in technical content or presentation.)

- The result conclusion must be clear and inline with discussion.
Make sure all references are cited on the paper.

Review 3 (Reviewer J)

Relevance and timeliness (Rate the importance and timeliness of the topic addressed in the paper within its area of research.)

Good (4)

Technical content and scientific rigour (Rate the technical content of the paper. (e.g. completeness of the analysis or simulation study, thoroughness of the treatise, accuracy of the models, etc.), its soundness and scientific rigour.)

Average (3)

Novelty and originality (Rate the novelty and originality of the ideas or results presented in the paper.)

Average (3)

Quality of presentation (Rate the paper organization, the clearness of text and figures, the completeness and accuracy of references)

Average (3)

Recommendation (How do you rate your recommendation?)

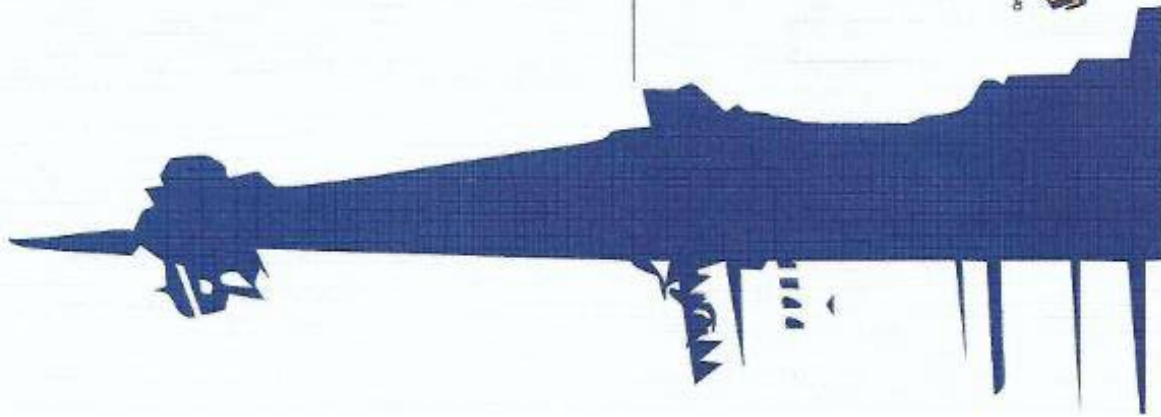
Possible Accept. (2)

Detailed comments (Please justify your recommendation and suggest improvements in technical content or presentation.)

1. Comparisons of existing techniques with respect to equation (7) to equation (9) should be present.
2. All the equations present in this paper are already existing, then please justify the authors contributions.

b. Sertifikat





Conference No. #46704

Certificate of Participation

This certificate is awarded to

Sri Ratna Sulistiyanti

ae

Corresponding Authors

who was participated in The 2nd International Conference
INFORMATION AND COMMUNICATIONS TECHNOLOGY 2019 (2nd ICOIACT 2019)
Yogyakarta - Indonesia, 24-25 July 2019

General Chair of 2nd ICOIACT 2019

Arief Setyanto

Arief Setyanto, S.Sir, M.T., Ph.D.



2nd **ICOIACT2019**