

Accepted Manuscript

A Novel Approach of Multi-Stage Tracking for Precise Localization of Target in Video Sequences

Gurjit Singh Walia , Saim Raza , Anjana Gupta , Rajesh Asthana ,
Kuldeep Singh

PII: S0957-4174(17)30084-2
DOI: [10.1016/j.eswa.2017.02.007](https://doi.org/10.1016/j.eswa.2017.02.007)
Reference: ESWA 11114



To appear in: *Expert Systems With Applications*

Received date: 9 September 2016
Revised date: 2 February 2017
Accepted date: 3 February 2017

Please cite this article as: Gurjit Singh Walia , Saim Raza , Anjana Gupta , Rajesh Asthana ,
Kuldeep Singh , A Novel Approach of Multi-Stage Tracking for Precise Localization of Target in Video
Sequences, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.02.007](https://doi.org/10.1016/j.eswa.2017.02.007)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Proposed multi-stage tracker improves accuracy and reduces time complexity
- Spatio-temporal model can handle various challenges of dynamic environments
- Adaptive multicue fusion model effectively combines appearance models
- Quick adaptation due to incorporation of context sensitive reliability
- Robust and real time implementation

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4943591>

Download Persian Version:

<https://daneshyari.com/article/4943591>

[Daneshyari.com](https://daneshyari.com)