

Journal of Advances in Information Fusion

A semi-annual archival publication of the International Society of Information Fusion

Regular Papers

Page

Multi-step Look-Ahead Policy for Autonomous Cooperative Surveillance by UAVs in Hostile Environments 3

Xin Tian, University of Connecticut, USA

Yaakov Bar-Shalom, University of Connecticut, USA

Krishna R. Pattipati, University of Connecticut, USA

Fuse-before-Track in Large Sensor Networks 18

Stefano Coraluppi, NATO Undersea Research Centre, Italy

Marco Guerriero, University of Connecticut, USA

Peter Willett, University of Connecticut, USA

Craig Carthel, NATO Undersea Research Centre, Italy

A Pragmatic Approach for the use of Dempster-Shafer Theory in Fusing Realistic Sensor Data 32

Pierre Valin, Defence R&D Canada Valcartier, Canada

Pascal Djiknavorian, Laval University, Canada

Éloi Bossé, Defence R&D Canada Valcartier, Canada

Exact Association Probability for Data with Bias and Features 41

Jim Ferry, Metron, Inc., USA

From the ISIF

Administrative

Editor and Vice

President for

Publications

Timelines and

Timeliness for

Publication of JAIF