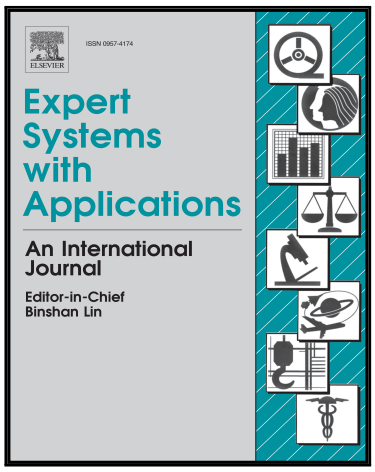
Accepted Manuscript



Acceptable Costs of Minimax Regret Equilibrium: A Solution to Security Games with Surveillance-Driven Probabilistic Information

Wenjun Ma, Kevin McAreavey, Weiru Liu, Xudong Luo

PII: S0957-4174(18)30223-9
DOI: 10.1016/j.eswa.2018.03.066
Reference: ESWA 11913

To appear in: *Expert Systems With Applications*

Received date: 20 July 2017
Revised date: 13 March 2018
Accepted date: 31 March 2018

Please cite this article as: Wenjun Ma, Kevin McAreavey, Weiru Liu, Xudong Luo, Acceptable Costs of Minimax Regret Equilibrium: A Solution to Security Games with Surveillance-Driven Probabilistic Information, *Expert Systems With Applications* (2018), doi: 10.1016/j.eswa.2018.03.066

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.

ACCEPTED MANUSCRIPT

Highlights

- We extend the application of security game to online security resource allocation.
- A regret and loss aversion based method for online security game is given.
- An epistemic characterization is given for the justification of the new method.
- We show the linear programming formulation and robustness analysis of the method.
- The viability of the method is demonstrated with an experimental evaluation.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6854892

Download Persian Version:

https://daneshyari.com/article/6854892

Daneshyari.com