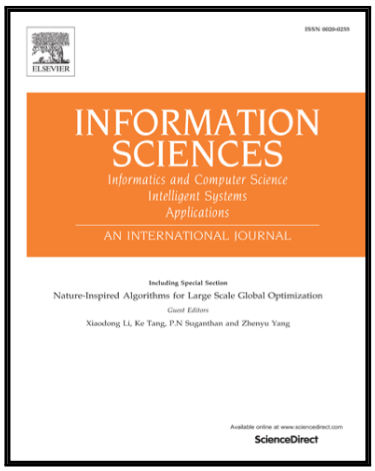

A Three-way Decision Making Approach to Malware Analysis Using Probabilistic Rough Sets

Mohammad Nauman, Nouman Azam, JingTao Yao

PII: S0020-0255(16)30896-9
DOI: 10.1016/j.ins.2016.09.037
Reference: INS 12533

To appear in: *Information Sciences*

Received date: 28 September 2015
Revised date: 17 August 2016
Accepted date: 14 September 2016

Please cite this article as: Mohammad Nauman, Nouman Azam, JingTao Yao, A Three-way Decision Making Approach to Malware Analysis Using Probabilistic Rough Sets, *Information Sciences* (2016), doi: 10.1016/j.ins.2016.09.037

Highlights

- We employ three-way decisions approach to malware analysis using probabilistic rough sets.
- Architecture for malware analysis based on three-way decisions is proposed.
- Experimental results on UNM dataset advocates for the use of three-way decisions in malware analysis