{tag} {/tag}International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 139
-
Number 11

Year of Publication: 2016

Authors:

Yoro R.E., Adekunle Y.A., Ebiesuwa Seun

10.5120/ijca2016909434
{bibtex}2016909434.bib{/bibtex}

Abstract

Academics carry out research studies periodically that they need to report. Various problem arise during the course of these studies ranging from proper comprehension of the task or domain problem, its sensitivity and failure analysis via model creation, its visual result representation and its other ecstatic that help the proposed model to be easily readable, understandable and implemented. In modeling, a researcher may seek underlying relations or data feats of interest between observed versus computed data and/or values, from statistical perspective or vantage point. This study aims to discuss and unveil modeling a problem from a graph-based perspective as well as highlighting some of the feats for analysis.

References

1. Axelrod R., (1997). The Complexity of Cooperation. Princeton, NJ: Princeton Univ. Press [textbooks first]
2. David, L., (2011). Social network analysis: theory and application,

http://train.ed.psu.edu/wfed-543/SocNet_theoryApp.pdf, last retrieved December 3, 2014 [Web accessed books].

3. Kaufman S., (1996). At Home in the Universe: The Search for the Laws of Self-Organization and Complexity. UK: Oxford Univ. Press.

4. Macy M and Willer, J., (2002). From factor to actors: computational sociology and agent based model, Annual Review Sociology, 28, p143–166, doi: 10.1146/annurev.soc.28.110601.141117.

5. Ojugo, A.A., E. Ben-Iwhiwhu, O.D. Kekeje., M.O. Yerokun and I.J. Iyawah., (2014). Malware propagation on time varying networks: comparative study of machine learning frameworks, International Journal of Modern Education and Computer Science, 8: 25-33, doi: 10.5815/ijmecs.2014.08.04.

6. Ojugo, A.A and Yoro, R.E., (2015). Thesis writing and research, Unpublished Technical report, 2(1): 46.

7. Ojugo, A.A., F.O. Aghware., R.E. Yoro., M.O. Yerokun., A.O. Eboka., C.N. Anujeonye and F.N. Efozia., (2015a). Predicting behavioral evolution and diffusion innovation on a graph-based model, Advances in Networks, 3(2): 8-21. doi: 10.11648/j.net.20150302.11

8. A.A. Ojugo., F.O. Aghware., R.E. Yoro., M.O. Yerokun., A.O. Eboka., C.N. Anujeonye and F.N. Efozia., (2015b). Evolutionary Model for Virus Propagation on Networks, Automation, Control and Intelligent, Systems, 3(4): 56-62. doi: 10.11648/j.acis.20150304.12

9. Simon H. 1998. The Sciences of the Artificial. Cambridge, MA: MIT Press

Index Terms

Computer Science Applied Mathematics

Keywords

abstract, structure, evidence, rationale, research