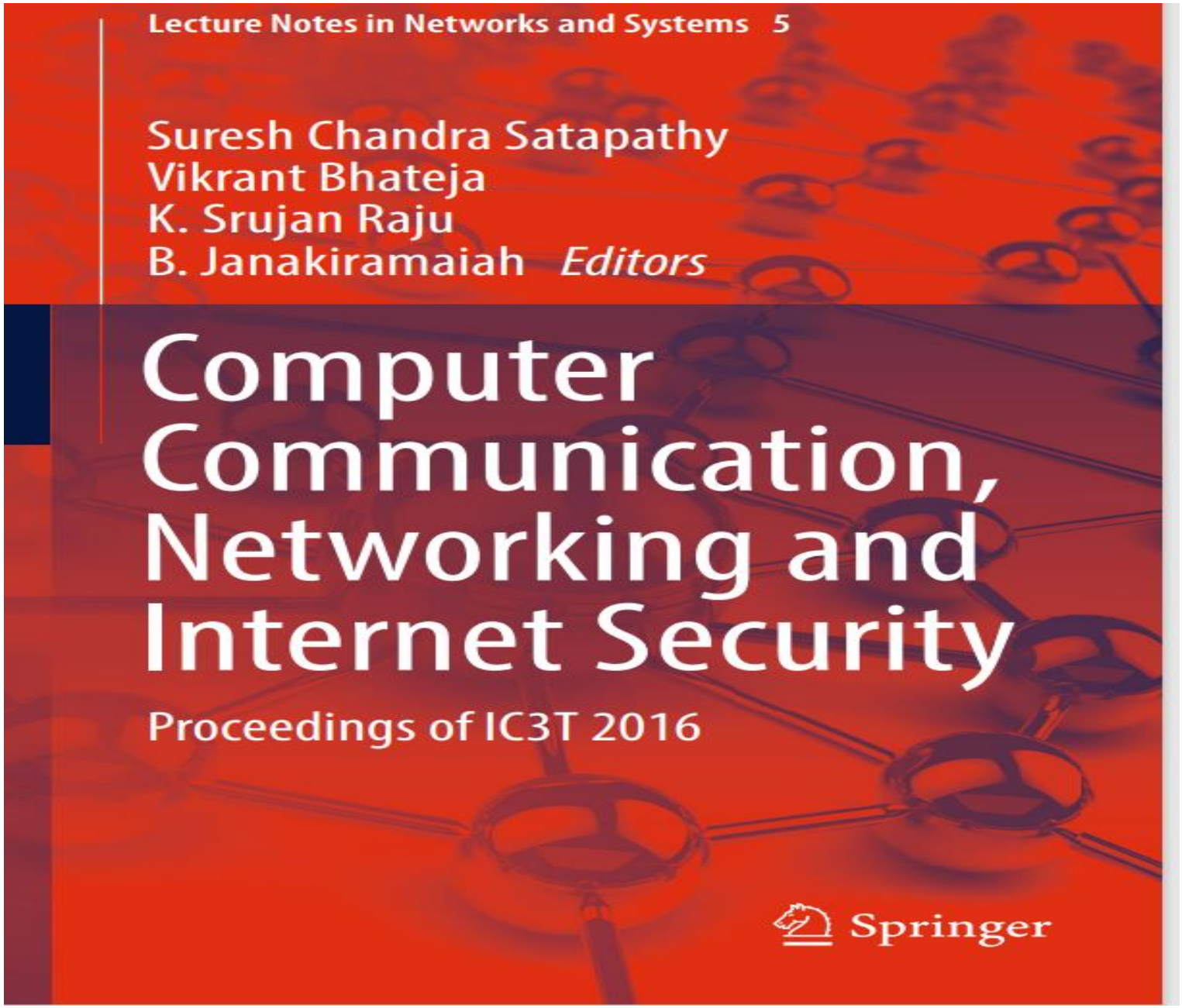
3.4.4 Number of books and chapters in edited volumes/books published per teacher during the last five years (5)

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN number of the proceeding	Whether at the time of publication Affiliating Institution Was same Yes/NO	Name of the publisher
1	Dr.Dharani.N.V	Computer Communication, Networking and Internet Security	EGRP: "Enhanced Geographical Routing Protocol for Vehicular Adhoc Networks"	Lecture Notes in Networks and Systems	2017	978-981-10-3225-7	YES	Springer, Singapore.
2	Dr.Bharathi.S	Communications in Computer and Information Science	Soft Computational Techniques to Discover Unique and Precise Knowledge from Big Data	Knowledge Graphs and Semantic Web. KGSWC	2022	978-3-030-91305-2	YES	Springer,


Lecture Notes in Networks and Systems 5
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Computer Communication, Networking and Internet Security
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EGRP: Enhanced Geographical Routing Protocol for Vehicular Adhoc Networks

N.V. Dharani Kumari and B.S. Shylaja

Abstract Vehicular Ad hoc Networks (VANETs) is an advanced wireless ad hoc network to communicate between the vehicular nodes. The unique characteristic of Vehicular Adhoc Networks leads to frequent network fragmentation and route reconstruction which cause an increase in packet drop ratio and control overhead. Thus, it brings challenges to establish an optimized routing path with high reliability and low latency. This paper presents an improved geographical forwarding strategy to select the next hop based on the mobility metrics such as distance, speed and moving direction of the nodes. These routing metrics have an impact on the performance of the routing protocol for Vehicular Ad hoc Networks (VANETs). Extensive simulations carried out based on the proposed solution have proved to outperform the existing GPSR approaches in terms of reliability, scalability and path latency.

Keywords VANETs · Geographical forwarding · Multi-metric node selection · Mobility model

1 Introduction

Vehicular Ad hoc Networks (VANETs) is a subclass of Mobile Ad hoc Network (MANETs) which allows communication among vehicular nodes without any pre-deployed infrastructure. Modern vehicles are equipped with IEEE802.11p for Wireless Access in Vehicular Network (WAVE), for the communication between nodes [1]. This wireless technology used in vehicles are considered for short-range

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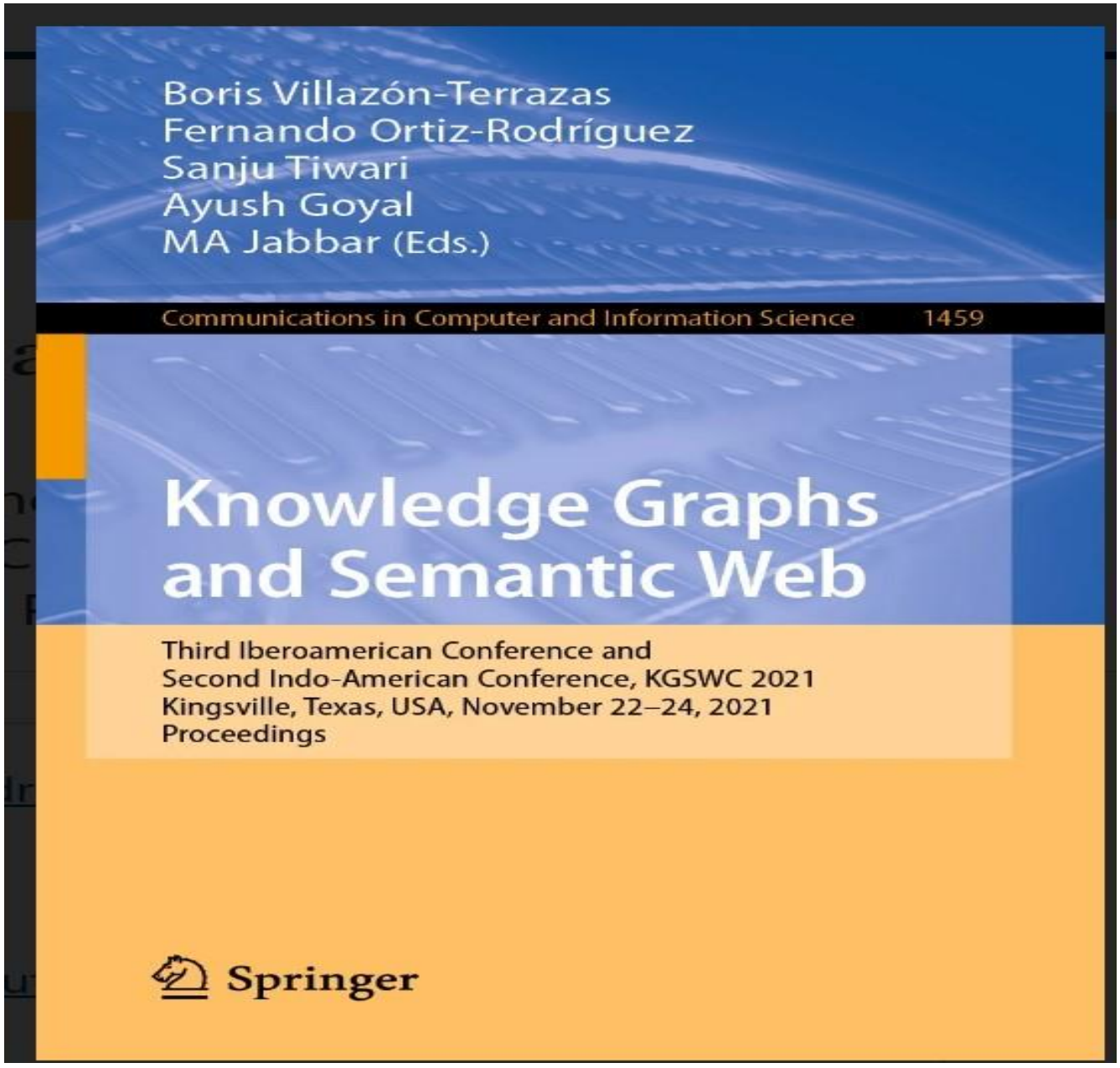
Boris Villazón-Terrazas
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Sanju Tiwari
Ayush Goyal
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Soft Computational Techniques to Discover Unique and Precise Knowledge from Big Data

D. Basavesha, S. Bharathi & Piyush Kumar Pareek

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Abstract

Big Data is playing a key role in diverse areas worldwide as these contains vast amount of essential information. The security as well as privacy of the data has become an unfathomable provocation that requests more awareness so as to achieve provide well-organized way of transference with secrecy perspective as the information consists of huge amount of important data. From the past few years, Data achieved a lot of observation by investigation group. The data was developed in large scale in about each area which is unprocessed as well as unstructured. Discovering awareness on appropriate data through huge raw information is the vital confrontation, existing nowadays. Different soft computing techniques and computational intelligence have been suggested for systematic information examination. These are mostly used in Artificial Intelligence (AI) computing technique that take part in an essential part in present big information confrontation by pre-refining as well as restructuring data. The administration domains in which conventional fuzzy sets and higher order fuzzy sets have