

Vol. 19, No.2, July 2022

KOMPUTASI

Jurnal Ilmiah Ilmu Komputer dan Matematika

The Effect of Force Ratio
Multiplier on A Control System for
Surfing Problem Simulation

Detection and Classification of
DDos Attack on Software Defined
Network

Assets Inventory Information
System Using Fifo Method in PT
Brightfoods International's Web-
Based Formulation

Forecasting of the Cases of Covid-
19 Patients in Indonesia using
Fuzzy Time Series

The Role of E-Money in
Sustainable Smart City
Development in Bogor City Area

Classification of Organizational
Data Using the K-Means Algorithm

Application of The Fuzzy
Promethee Method in Selecting
Farmer Groups Verification for
Candidates for Receiving Grants
Regional Revenues and
Expenditures Budget

Analysis Of Satisfaction Level with
Hajj Registration Services using
Fuzzy Service Quality and
Importance Performance

KOMPUTASI

Vol.19

No.2

Hal 65 - 166

P-ISSN 1693 - 7554

E-ISSN 2654 - 3990

PUSAT KOMPUTASI

**Jurusan Ilmu Komputer
Fakultas Matematika dan Ilmu Pengetahuan Alam
Universitas Pakuan
Bogor**

ISSN 1693-7554



9

771693

755430

Vol. 19, No.2, July 2022

KOMPUTASI:

Jurnal Ilmiah Ilmu Komputer dan Matematika

Preface

Komputasi: Jurnal Ilmiah Ilmu Komputer dan Matematika is a scientific journal published by the Computer Science Study Program, Faculty of Mathematics and Natural Sciences, Pakuan University, Bogor. Journal of Computing was established in 1992 with periodical publication twice a year (January and July) registered with International Standard Serial Number (ISSN) with p-ISSN number: 1693-7554 (print media) and e-ISSN: 2564-3990 (online media).

Computing was first published on the website in 2007 Vol. 4 No.1 according to Decree No. 0005.26543990/JI.3.1./SK.ISSN/2018. 10-15 October 2018 (starting edition Vol. 16 No. 1 January 2019). This Computing Journal is classified into the 4th National Highest Cluster on the Science and Technology Index (SINTA) for leading in Indonesia based on No. SK 85/M/KPT/2020 starting from Vol. 15 No. 2 of 2018 until Vo. 20 No. 1 Year 2023.

In general, the Computing Journal consists of 3 main themes, namely: software engineering, hardware engineering, and computation intelligence. The main theme consists of several sub-themes which are the scope area of each journal. Software engineering consists of two sub-themes: Information systems and software testing. Hardware programming consists of 5 sub-themes: Net centric computing, networks, sensor networks, robotics, and Internet of Think (IoT). Computation Intelligence consists of 10 sub-themes: Decision support systems, expert systems, intelligence systems, data mining, big data, business intelligence, data intelligence, numerical analysis, bioinformatics, and operations research.

Vol. 19, No.2, July 2022

KOMPUTASI:

Jurnal Ilmiah Ilmu Komputer dan Matematika

EDITORIAL TEAM

Editor in Chief

Asep Denih, S.Kom., M.Sc. Ph.D, Department of Computer Science, Universitas Pakuan, Indonesia

Editor

Dr. rer. nat. Herry Pribawanto Suryawan, M.Si., Faculty of Science and Technology, Universitas Sanata Dharma, Yogyakarta, Indonesia

Asep Saepulrohman, S.Si., M.Si., Department of Computer Science, Universitas Pakuan, Indonesia

Section Editor

Dr. Prihastuti Harsani, S.Si., M.Si., Department of Computer Science, Universitas Pakuan, Indonesia

Dr. Andi Chairunnas, S.Kom., M.Pd., M.Kom., Department of Computer Science, Universitas Pakuan, Indonesia

Dr. Rahmat Hidayat, M.Si., Department of Mathematics, Universitas Cokroaminoto, Palopo, Indonesia

Eneng Tita Tosida, S.Tp., M.Si., M.Kom., Department of Computer Science, Universitas Pakuan, Indonesia

Lita Karlitasari, S.Kom., MMSI., Department of Computer Science, Universitas Pakuan, Indonesia

Teguh Puja Negara, S.Si., M.Si., Department of Computer Science, Universitas Pakuan, Indonesia

Dinar Munggaran Akhmad, S.Kom., M.Kom., Department of Computer Science, Universitas Pakuan, Indonesia

Editor's Address

Program Studi Ilmu Komputer, FMIPA, Universitas Pakuan

Jl. Raya Pakuan P.O.BOX 452 Bogor

Telp.: +62251 - 8363419, Fax.: +62251 - 8356927

Email: komputasi@unpak.ac.id

Vol. 19, No.2, July 2022

KOMPUTASI:

Jurnal Ilmiah Ilmu Komputer dan Matematika

TABLE OF CONTENTS

The Effect of Force Ratio Multiplier on A Control System for Surfing Problem Simulation

Reza Rendian Septiawan, Agus Virgono, Umar Ali Ahmad, Prayitno Abadi, Mas'ud Adhi Saputra

Detection and Classification of DDos Attack on Software Defined Network

Irma Anggraeni, Dinar Munggaran Akhmad

Assets Inventory Information System Using Fifo Method in PT Brightfoods International's Web-Based Formulation

Muhammad Aditya Septian Sugraha, Fitria Rachmawati, Nurul Kamilah

Forecasting of the Cases of Covid-19 Patients in Indonesia using Fuzzy Time Series

Lintang Patria

The Role of E-Money in Sustainable Smart City Development in Bogor City Area

Gustian Rama Putra, Wahyu Sardjono, Oktavian Nursetiaji, Agita Tiara Putri, Asep Saepulrohman, I Wayan Sriyasa

Classification of Organizational Data Using the K-Means Algorithm

Yana Mulyana, Abdul Fadlil, Imam Riadi

Application of The Fuzzy Promethee Method in Selecting Farmer Groups Verification for Candidates for Receiving Grants Regional Revenues and Expenditures Budget

Benny Rachman, Soewarto Hardhienata, Sufiatul Maryana

Analysis of Satisfaction Level with Hajj Registration Services using Fuzzy Service Quality and Importance Performance Analysis

Aditya Rivaldi, Herfina , Mulyati