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*Dr. Dra. Elly Rosmaini, M.Si. was born in Padang on May 20, 1960. She is a lecturer in Mathematics at Universitas Sumatera Utara. She completed a Doctoral Program in Mathematics at Universitas Sumatera Utara in 2014.*

## Publications

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2024

Prosiding seminar internasional

### **Mathematical model for multicast routing of flows with shared explicit reservation**

ELLY ROSMAINI , SAIB SUWILO , RIZKA FITRIA

2023

Jurnal nasional terakreditasi

### **Analisis SEM-PLS (Structural Equation Modelling Partial Least Square) dengan FIMIX-PLS (Finite Mixture Partial Least Square) (Studi Kasus: Struktur Kemiskinan di Indonesia Tahun 2022)**

ELLY ROSMAINI

2023

Jurnal nasional terakreditasi

### **Integer Linear Programming Model for Multicast Routing to Minimize Link Cost at Wavelengths**

RIZKA FITRIA , ELLY ROSMAINI , SAIB SUWILO

2022

Jurnal nasional

### **Use of Classification and Regression Tree (CART) Method for Classification of Labor Force Participation Levels in Medan City in 2019**

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2020

Jurnal internasional bereputasi

### **The Content Analysis of Electoral Act in Indonesia: The Comparison of Percent Agreement and Cohen Kappa**

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2020

Jurnal internasional bereputasi

### **Monte Carlo Simulation Approach to Determine the Optimal Solution of Probabilistic Supply Cost**

ELLY ROSMAINI

2019

Jurnal internasional bereputasi

### **Probability Distribution of Rainfall in Medan**

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2019  
Prosiding seminar internasional

## **Financial Data Statistics Programs**

ELLY ROSMAINI , PRANA UGIANA GIO

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2018  
Jurnal internasional bereputasi

## **The concept of free group based on braid group**

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2018  
Jurnal internasional bereputasi

## **Some of Domain Matrix Lamda Defined by $\lambda$ -function**

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2018  
Jurnal internasional bereputasi

## **Monthly rainfall distributions in Pematangsiantar**

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2018  
Prosiding seminar internasional

## **Kajian Masalah Transshipment Tidak Seimbang Menggunakan Metode Least Cost-Stepping Stone Dan Metode Least Cost-Modi**

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2018  
Prosiding seminar internasional

## **Analisis Kinerja Antrian Pelanggan Restoran Cepat Saji (Studi Kasus: Kfc Jln. Gajah Mada, Medan, Sumatera Utara)**

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2018  
Jurnal internasional

## **The competition index of two-colored non-hamiltonian digraph with two cycles whose lengths differ by three**

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2018  
Jurnal internasional bereputasi

## **Study to the current protection of personal data in the educational sector in Indonesia**

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Jurnal internasional bereputasi

## **Insights to develop privacy policy for organization in Indonesia**

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2018  
Jurnal internasional bereputasi

## **The Robustness of Two Independent Samples t Test Using Monte Carlo Simulation with R**

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2018  
Jurnal internasional bereputasi

## **The competition index of two-colored non-hamiltonian digraph with two cycles whose lengths differ by**

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2018  
Jurnal internasional bereputasi

## **Environmental Performance Measurement of the Simple Urban Housing in Martubung Medan**

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2017  
Jurnal internasional

## **A Combined Method for Capacitated Periodic Vehicle Routing Problem with Strict Time Windows Considering Pickup and Delivery**

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2016  
Jurnal internasional

## **Classification Trees: Alternative Solution to Classification Methods of Linear Discriminant Analysis**

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2014  
Jurnal internasional

## **Optimization Model for a Distribution System based on Location-Routing with Distance and forbidden route**

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2014  
Jurnal nasional

## **ANALISIS DAN SIMULASI SISTEM ANTRIAN PADA BANK ABC**

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2014  
Jurnal nasional

## **Aplikasi Program Integer pada Perumahan Bumi Sergai di Sei Rampah**

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2013  
Jurnal nasional

## **Penerapan teori permainan dalam strategi pemasaran produk ban sepeda motor di FMIPA USU**

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2013  
Jurnal nasional

## **Analisis Persediaan Bahan Baku Sayur Olahan pada PT. Aaa**

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2011  
Prosiding seminar nasional

## **Model Keandalan System Distribusi Air**

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2005  
Prosiding seminar internasional

## **Determining Initial Assignment For Solving Quadratic Assignment Problems**

ELLY ROSMAINI

2026  
Buku referensi

## **Belajar olah data dengan piranti lunak statistik. Medan**

ELLY ROSMAINI

2026  
Artikel ilmiah

## **Perancangan Aplikasi Pengarsipan Surat pada PT. Central Asia Raya**

ELLY ROSMAINI

2026  
Jurnal nasional

## **Learn Data Processing with SPSS, Minitab, R, Microsoft Excel, EViews, LISREL, AMOS, and SmartPLS**

ELLY ROSMAINI

2026  
Prosiding seminar internasional

# Some of Domain Matrix Lamda Defined By $\lambda$ -function

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