BALKAN JOURNAL OF MATHEMATICS (BALKANJM)

Volume 1

Number 1

February 2013

From Editor

Balkan Journal of Mathematics (BALKANJM) is a refereed journal covering of Mathematics. BALKANJM is published in electronic and print formats by Kirklareli University. BALKANJM is intended to dispense rapid publication of important and timely results on mathematics, to realize new developments and advancements of the following research areas:

- * Analysis
- * Applied Mathematics
- * Geometry
- * Mathematical Logic
- * Algebra and Number Theory
- * Topology
- * Probability and Statistics.

First issue is dedicated to dear Prof. Dr. Oleg A. Tretyakov.

In this volume,

Akdemir and Tiryaki focus on distribution of a perishable product in a hierarchical supply chain. They say, due to changeable conditions and the perishable feature of the product, lifetime can be characterized as stochastic.

Kocamaz and friends develop an algorithm factorial at worst situation, decreases the multiplication number to the half.

Dede studies spacelike conchoid curves in the Minkowski plane.

Gursoy and friends apply coding method to musical notes (from L.Van Beethoven, Op.60). They attain some statistical results and differential geometric properties.

Guney and friends provide the definition fuzzy dynamical system and investigate some basic properties of the fuzzy information. Then they focus on the fuzzy local information function of fuzzy dynamical system. Finally, they verify some fundamental results relating to this function.

Seners exhibits a few studies via *Evolutionary Approach to Electromagnetics* (EAE) in the last decades. They demonstrate for time-domain waveguide modes.

Unluturk and Ekici mention parallel surface of timelike surface take into consideration as both ruled and Weingarten surface. The parallel surface of a ruled Weingarten surface has been proved to become again a Weingarten surface in Minkowski 3-space.

Eventually, dear Prof. Dr. Ertuğrul Özdamar demonstrates his best wishes.