



Biomath Communications

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Message from the Editors

The present 3 (2) issue of Biomath Communications contains the following four original research articles:

- Nikolay Kyurkchiev, A family of recurrence generated sigmoidal functions based on the Verhulst logistic function. Some approximation and modelling aspects.
- Nikolay Kyurkchiev, Svetoslav M. Markov, Hausdorff approximation of the sign function by a class of parametric activation functions.
- Joel Nimyel Ndam, Stephen Dung, A Mathematical Model for the Propagation of an Animal Species on a Plain.
- Antoanela Terzieva, Model phytoplankton population by branching processes.

The “Review communication” section includes two original review papers as follows; a master thesis defended in Sofia University “St Kl. Ohridsky” and a review paper related to history of education in Bulgaria:

- Stanko Dimitrov, A modeling approach for cell growth based on enzyme kinetics,
- Maria K. Lovdjieva, Bulgarian Teachers of the Liberation Age

Citation: S Markov, N. Pesheva, Message from the Editors,
<http://dx.doi.org/10.11145/bmc.2017.01.141>

The present issue includes four short communications in the section Biomathematics News, Announcements and Resources, they are devoted to various conferences and events:

- Ivan Ganchev Ivanov, Lars Imstrand, Snezhana Kostova, Linear Quadratic Differential Games and Applications
- Maria Lovdjieva, Events devoted to Nestor Markov 180th anniversary.
- Ivan G. Ivanov, Svetoslav Markov, Nina Pesheva, Mathematical Modelling and Scientific Computing (MMSC 2016).
- Patrick D. Shipman, BIOMATH 16 International Conference and School for Young Scientists.



Prof. Roumen Angelov

The online version of the present issue contains also the abstracts of the conference Mathematical Modelling and Scientific Computing (MMSC 2016) held from 18th to 24th September 2016 at College “Dobrich” in the city of Dobrich, Bulgaria, these abstract will not be included in the print version of the present issue.

The present issue is dedicated to Prof. Roumen Angelov on the occasion of his 60th birthday in recognition of his contributions to the field of biomathematics.

Sofia, March, 20, 2017

S Markov (Editor in Chief), N. Pesheva (Editor)