

To the Memories of T. Khurodze (1949-2017)

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ABSTRACT

The biographical information about the scientific worker of N. Muskhelishvili Institute of Computational Mathematics of Georgian Technical University T. Khurodze and the brief survey of scientific works, executed as a result of her long-standing collaboration with the department of atmospheric physics M. Nodia Institute of Geophysics of I. Javakhishvili Tbilisi State University is presented.

Key words: atmospheric processes, hail, ecology, air pollution



T. Khurodze was born 1949 November 2. After completion of secondary school she enters to the division of physics and mathematics of Tbilisi State Pedagogical institute and in 1973 obtains qualification mathematics. In the same year she begins to work in the Computer Center of the Academy of Sciences of Georgia (subsequently the N. Muskhelishvili Institute of Computational Mathematics, and now the N. Muskhelishvili Institute of Computational Mathematics of Georgian Technical University). Already its first works concerned such important and interesting themes, as abounds machine building and technical cybernetics [1,2]. Then it is interested in the application of some concepts and characteristics of cybernetics for the solution of the different problematic problems of the economy [6,8,9].

At the end of the eightieth years of past century T. Khurodze connects its fate with Albert Nodia, colleague of Institute of Geophysics. Not without the influence of the scientific interests of husband, she begins to be occupied by such questions of atmospheric physics as a study of the changeability of number of days with the hail also of their statistical characteristics in Kakheti, also, on entire Georgia in the different time of the year [4,5,7,10-15,17,21,34,35]. This thematic became the basis of its dissertation work "Analysis of the statistic structure of the number of days with the hail into the warm season of year in Georgia", which she presented in the competition of the scientific degree of the candidate of physics and mathematical sciences and successfully protected it in 2005 year.

Besides this direction as a result of long-standing collaboration with the department of physics of atmosphere of M. Nodia Institute of Geophysics of I. Javakhishvili Tbilisi State, T. Khurodze participates also in the studies of electrical conductivity of air and of electric field strength in the atmosphere [16,19,33], studies the possibilities of applying the statistical methods for predicting the lasting changes of air temperature [28-31] and the influence of some astro-meteo-geophysical factors on the health of population [20,22,23], touches on other interesting questions of physics of clouds, aerosols, precipitations, anthropogenic air pollution, etc. [3,24-27,32]. T. Khurodze was a participant in many scientific conferences.

Besides the science, Tamila Khurodze was occupied by pedagogical activity, working as the teacher in Mathematics Public School No 63. For increasing the qualification in this field with the center of pedagogical studies and professional development and in Grigol Robakidze University she studies courses "Reading and letter for the critical thinking" and "Composition and the development of school curriculum".

In spite of the very loaded personal daily graph of life she was very direct and sociable with all. Having outstanding health, for all she was unexpected contingency the break of aneurysm, which happened of it in autumn this year. Intensive medical interference did not unfortunately have a success. It was impossible to save she. T. Khurodze buried in Tbilisi on the Kukia cemetery next to the husband. We all, its associates, that knew and worked next to it, we will always remember this cheerful, always affable woman.

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თ. ხუროძის ხსოვნისათვის (1949-2017)

თ. ბლიაძე

რეზიუმე

მოყვანილია ბიოგრაფიული მონაცემები საქართველოს ტექნიკური უნივერსიტეტის ნ. მუსხელიშვილის სახ. გამოთვლითი მათემატიკის ინსტიტუტის მეცნიერ თანამშრომლის თ. ხუროძის შესახებ და თსუ მ. ნოდის სახ. გეოფიზიკის ინსტიტუტის ატმოსფეროს ფიზიკის სექტორთან მრავალწლიური თანამშრომლობის შედეგად მისი შრომების მოკლე მიმოხილვა.

ПАМЯТИ Т.В. ХУРОДЗЕ (1949-2017)

Т.Г. Блиадзе

Резюме

Приводятся биографические сведения о научном сотруднике Института вычислительной математики им. Н. Мухелишвили Грузинского Технического Университета Т. Хуродзе и краткий обзор ее научных работ, выполненных в результате многолетнего сотрудничества с сектором физики атмосферы Института геофизики им. М. Нодиа Тбилисского Государственного Университета им. И. Джавахишвили.