

AZERBAIJAN STATE AGRICULTURAL UNIVERSITY

Name: Afig

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Faculty: Faculty of Engineering

Department: Physics and Mathematics



EDUCATION, ACADEMIC DEGREE AND SCIENTIFIC TITLES

In 1980 he was admitted to the engineering specialty of KTI and in 1985 he graduated from this specialty with honors.

In 1985, he entered full-time postgraduate study at the Department of Higher Mathematics of Azerbaijan Technical University. He successfully graduated from it in 1988.

LABOR ACTIVITY

In 1990, he defended his scientific work at the Faculty of Mechanics and Mathematics of Baku State University and received the academic degree of Candidate of Physical and Mathematical Sciences. In 1991, by decision of the Higher Attestation Commission of the USSR, he received a diploma of a candidate of physical and mathematical sciences.

Since 1989, he has worked as an assistant, head teacher, and deputy associate professor at the Department of Higher Mathematics of the Azerbaijan State Agrarian University, and currently works as head teacher at the Department of Physics and Mathematics.

Author of more than 30 scientific papers, dissertations, and teaching materials.

AREA OF RESEARCH

Conducts research work on the topic “Application of physics and mathematics to agricultural production;

SCIENTIFIC WORKS

1. Innovative technologies in gardens for cultivating, harvesting and commercial processing of fruits. Energy supply and energy saving in agriculture. Proceedings of the 7th International Scientific and Technical Conference (May 18-19, 2010, Moscow state scientific institution, All-Russian Research Institute for Electrification of Agriculture) Part 2, Moscow 2010
2. Impurity absorption of light in NBS crystals. Ministry of Education of Azerbaijan Republic Azerbaijan University. International conference dedicated to 88th anniversary of national leader Heydar Aliyev and 93rd anniversary of modern Azerbaijani statehood. Baku 2011
3. Effective use of technology and alternative energy resources. Aggregation of equipment in the agricultural sector. Center for Agrarian Science of the Ministry of Agriculture of the Republic of

Azerbaijan. Azerbaijan Research Institute of Agromechanics scientific and technical conference on the topic “Current problems of technical support in the agro-industrial complex” October 16-17, 2012, Volume XIX.

4. Energy-saving technologies of soil cultivation for crop production. All-Russian Research Institute for Agricultural Electrification. Energy supply and energy saving in agriculture. Proceedings of the 8th international scientific technical conference (May 16-17, 2012, Moscow, State Scientific Institution “All-Russian Research Institute for Electrification of Agriculture”).

5. Optimization models for planning business units of an agricultural division. Center for Agricultural Sciences of the Ministry of Agriculture of the Republic of Azerbaijan. Collection of scientific works dedicated to the 50th anniversary of the Azerbaijan Research Institute of Agromechanics, volume XVII

6. Plasma oscillations of domain walls. Collection of news from the Ganja branch of the National Academy of Sciences of Azerbaijan No. 52. Ganja-2013.

7. Improving technology and methods of soil cultivation. The Azerbaijan State Agrarian University is dedicated to the 91st anniversary of the birth of national leader Heydar Aliyev and the 85th anniversary of the Azerbaijan State Agrarian University. Scientific works of the Azerbaijan State Agrarian University. Ganja 2014. No. 1

8. Study of operating conditions of tillage machines. The Azerbaijan State Agrarian University is dedicated to the 85th anniversary of the Azerbaijan State Agrarian University. Scientific works of the Azerbaijan State Agrarian University. Ganja 2014. No. 2

9. About the magnetolectric mechanism of polarization. Azerbaijan State Agrarian University Materials of the all-republican scientific and practical conference dedicated to the 90th anniversary of the birth of national leader Heydar Aliyev. (April 25-26, 2013)

10. Guidelines for doing independent work in mathematics. Publication is permitted in accordance with the order of the rector of the Azerbaijan State Agrarian University I.H. Jafarov dated April 28, 2016 No. 238. Ganja city, publishing house of the Azerbaijan State Agrarian University. 134 p.

11. Thermoelastic waves emanating from a heat source in a closed environment. Scientific works of the Azerbaijan State Agrarian University. Ganja, 2015, No. 2

12. The need for small-sized machines in peasant farming. Scientific and practical conference dedicated to the 100th anniversary of the Azerbaijan People's Republic on the topic “Current problems of scientific and technological progress in agricultural production”, October 16-17, 2018 - Volume XXI.

13. Possibilities of using doped BSN crystals as infrared radiation receivers. National Academy of Sciences of the Azerbaijan Republic, Ganja Regional Scientific Center, News collection No. 2(68) 2013

14. Dynamics of a moving right-handed load acting inside a B_i -layered hollow cylinder with imperfect contact between layers. TWMS Journal of Pure and Applied Mathematics, ISSN 2076-2585 Vol. 12, No. 2, 2021

15. Determining the economic efficiency of new methods, inventions and innovation proposals. Ministry of Agriculture of the Republic of Azerbaijan Azerbaijan State Agrarian University, Research Institute “Agromechanics”, Ganja 2021

16. Precise watering. Ministry of Agriculture and Food of the Republic of Azerbaijan Azerbaijan State Agrarian University, Research Institute “Agromechanics”, Ganja 2021.

17. Universal feed grinder. Patent. Federal Service for Intellectual Property. Russian Federation Patent for invention No. 2776311 R.F. 2022

Combined Land Cultivator Seed Carrying Machine

Deep Softener Production Tests workability

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Key words: combined tiller and seed drill, direct sowing, deep-seeding, vibrating , production tests,

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LANGUAGE KNOWLEDGE

English

Russian

Other languages