**ACADEMICIAN A. A. ASHIMOVS SCHOOL**

Professor Ә.Ә. Ashimov zhas gylymi mamandardy dayyndauga erekshe nazar audaryp otyrdy. Onyn gylymi zhetekshiligimen 10 doctoral 44 candidate dissertation lar korgaldy.

Exclusive attention to Professor A.A. Ashim ov devotes his time to training young scientific personnel. Under his scientific supervision, 10 doctoral and 44 candidate dissertations were defended.

Professor A.​ A.​ Ashimov gives a lot of time to training the young researchers​ 10 doctoral and 44 candidate theses were defended under his scientific supervision.

**Doctoral dissertations**

1. Asaubaev K.Sh. Development, research and implementation of control systems with dynamic pulse-frequency modulation for automation of continuous technological processes. Moscow, 1985.
2. Japarov B.A. Operational coordinated management of active production systems (using the example of non-ferrous metallurgy enterprises). Moscow, 1987.
3. Syzdykov D.Zh. Theoretical foundations, algorithms and practical application of general parameter methods for identifying technical systems. Leningrad, 1987.
4. Sagyngaliev K.S. Parametric methods for optimizing coordinated management of production-type organizational systems (using the example of instrument and machine-building enterprises). Moscow, 1989.
5. Tukeev U.A. Development and research of models, methods, tools for computer-aided design technology of databases and automated process control system software systems. Alma-Ata, 1992.
6. Kaziev G.Z. Models and methods for designing modular information and control systems. Moscow, 1994.
7. Sokolova S.P. Fundamentals of the theory of automatic control systems with changing configuration. Almaty, 1994.
8. Shukaev D.N. Development, research and implementation of automated control systems for technological complexes with a parallel structure. Almaty, 1994.
9. Basenby M.A. Models, methods of analysis and synthesis of extremely stable control systems. Almaty, 1998.
10. Baybatshaev M.Sh. Theoretical foundations, methods, models and algorithms for designing robotic systems for non-ferrous metallurgy. Almaty, 2002.

**PhD theses**

1. Narozhnaya L.G. Research and optimization of mine lead smelting processes using a mathematical model. Moscow, 1967.
2. Balabay N.F. Research and optimization of the crystallization process of sodium aluminate using mathematical modeling. Alma-Ata, 1968.
3. Pesin B.N. Study of the kinetics of free smelting of lead concentrates using mathematical modeling. Alma-Ata, 1970.
4. Afanasyev A.A. Research and development of a system for automatic stabilization of the technological process of mine lead smelting. Moscow, 1971.
5. Syzdykov D.Zh. Study of some issues of continuous identification of dynamic objects. Riga, 1971.
6. Morozov V.P. Development and research of a discrete automatic control system for one class of chemical technological processes using a control machine (using the example of the oxidation of sulfur dioxide in a contact apparatus). Moscow, 1972.
7. Kadyrbekov S.O. Study of the continuous technological process of sintering red mud in a rotary kiln using mathematical modeling. Alma-Ata, 1974.
8. Kulunshakov I. Research and optimization of reflective copper smelting. Alma-Ata, 1974.
9. Skormin V.A. Optimal control of reflective smelting of copper concentrates. Moscow, 1974.
10. Nazarova G.M. Study of smelting ores and concentrates of non-ferrous metals in shaft furnaces using the method of mathematical modeling. Alma-Ata, 1975.
11. Sagyngaliev K.S. Operational calendar planning of continuous-discrete production and sales of finished products. Moscow, 1975.
12. Dzharbolov Sh.I. Development and research of an adaptive system for direct digital control of a continuous technological process (using the example of the process of roasting zinc concentrates in a fluidized bed). Kyiv, 1977.
13. Serikbaev V.B. Development and research of an automatic system for direct digital control of the air-gas regime of the sintering process. Alma-Ata, 1977.
14. Sokolova S.P. An automatic control system that stabilizes and removes a technological object from emergency mode. Kyiv, 1977.
15. Asaubaev K.Sh. Development of methods for statistical analysis of automatic control systems with dynamic pulse-frequency modulation. Moscow, 1978.
16. Kulzhabaev N. The principle of coordinated management of production and transport systems. Moscow, 1978.
17. Aisakova B.A. Optimization of operational calendar plans for production systems (using the example of non-ferrous metallurgy enterprises). Moscow, 1979.
18. Kaziev G.Z. Models and methods for synthesizing software and information support for modular automated information and control systems. Moscow, 1979.
19. Shukaev D.N. Development and research of an automated subsystem for coordinated control of a continuous technological complex (using the example of the production of sulfuric acid from waste gases of non-ferrous metallurgy). Moscow, 1979.
20. Yarmukhamedova Z.M. Development and research of an automatic control system for the process of producing zinc sulfate in a fluidized bed apparatus. Moscow, 1980.
21. Dushimov Yu.G. Development and research of a subsystem for operational calendar planning of a production program during the creation of an automated control system for the copper plant of the Balkhash Mining and Metallurgical Combine. Moscow, 1981.
22. Zagranichny A.V. Development and research of a method for parametric identification of objects of high resolution. Alma-Ata, 1981.
23. Aitchanov B.Kh. Development of methods for statistical analysis of integrated frequency-pulse systems for automatic control of objects with delay. Alma-Ata, 1982.
24. Medetov M.M. Development and research of models and methods for coordinated planning of production systems. Alma-Ata, 1982.
25. Dzhusupov A.A. Development and study of the properties of a multidimensional NCU system using the technological process of oxidation of sulfur dioxide in a contact apparatus. Alma-Ata, 1983.
26. Kayranov M.Zh. Development of models and methods for analyzing the stochastic stability of automatic control systems with sigma-frequency-pulse modulation. Alma-Ata, 1983.
27. Toktabaev S.M. Development of a method for non-search parametric identification of dynamic objects. Alma-Ata, 1983.
28. Shombinov E.K. Development of a method for identifying nonlinear dynamic objects using pattern recognition algorithms. Alma-Ata, 1983.
29. Arslanov M.Z. Development and research of models and methods for coordinated control of two-level active production systems. Moscow, 1984.
30. Sirotyuk V.O. Development and research of models and methods for coordinated control of two-level active production systems. Moscow, 1984.
31. Kosnikov V.A. Development of models and methods for selecting optimal technological modes of dynamic objects (using the example of the process of dehydration of zinc sulfate in a fluidized bed). Alma-Ata, 1986.
32. Mamirov A.U. Models and algorithms for optimizing the planning of the development of software modules for automated control systems. Alma-Ata, 1986.
33. Shangitb aev Zh.K. Development and research of an automated system for operational coordinated planning and management of an organizational and technical system. Alma-Ata, 1986.
34. Sadvakasov E.S. Development and research of models and methods for optimizing information exchange in modular data processing systems. Leningrad, 1987.
35. Dzhakipbaev A.A. Models and methods for optimal distribution and planning of the sequence of work in automated control systems for the production of software packages. Alma-Ata, 1990.
36. Erzhanov B.A. Development and research of a system for direct digital control of the technological process of ore enrichment in heavy suspensions. Alma-Ata, 1990.
37. Balgabaeva L.Sh. Construction of a multidimensional stochastic control system based on the comparison method. Alma-Ata, 1992.
38. Esbatyrov T.E. Development and research of a control system for a continuous technological complex of parallel technological operations. Alma-Ata, 1992.
39. Zhumagaliev B.I. Development, research and implementation of models and methods of parametric control in automatic control systems. Alma-Ata, 1992.
40. Ayaganov E.T. Development of models and methods for constructing a multidimensional control system with a changing configuration for objects with delay. Almaty, 1993.
41. Volobueva O.P. Development and research of a system for optimal adaptive automated control of the transformation process in a contact apparatus. Almaty, 1993.
42. Kitapbaev Zh.B. Models and methods for designing mechanisms and systems for protecting databases from unauthorized access. Almaty, 1996.
43. Samigulina G.A. Research and parametric synthesis of stochastic binary control systems based on the quasi-splitting approach. Almaty, 1996.
44. Utepbergenova A.I. Methods for analysis and synthesis of control systems in the class of structurally stable mappings (using the example of an assembly disaster). Almaty, 2002.