

	<p><b>Academic rank and level:</b></p> <p>Candidate of Physical and Mathematical Sciences (1990)  Doctor of Physical and Mathematical Sciences (2007)  Awarded the title of "Professor". MES RK (2011)</p>
<p><b>Tussupov Jamalbek</b>  <b>Doctor of Physical and Mathematical Sciences,</b>  <b>Professor</b>  e-mail: tussupov@mail.ru  Phone: +7(7172) 70 95 00  (34203)  +7(701)789 27 10</p>	<p><b>Scientific interest:</b>  Formal methods of specifications and their applications in the development of IC, Theory of algorithms; Abstract data types; Computable algebraic structures; Mathematical logic</p> <p><b>Courses taught:</b>  Discrete mathematics and theory of algorithms</p>
<p><b>Professional experience</b></p> <p><b>1979-1983</b> Assistant at the Dzhambul Technological Institute of Light and Food Industry;</p> <p><b>1983-1986</b> Postgraduate student at KarSU, assigned to the S.L. Sobolev Institute of Mathematics, SB of the USSR Academy of Sciences, Novosibirsk</p> <p><b>1987-1990</b> Researcher at Novosibirsk State University 1990-1996 Associate Professor of the Dzhambul Technological Institute of Light and Food Industry;</p> <p><b>1996-2001</b> Head of the Department of Computer Engineering and Programming of M.H. Dulati Taraz State University</p> <p><b>2002-2004</b> Senior Researcher at M.H. Dulati Taraz State University, seconded to Novosibirsk State University</p> <p><b>2004-2007</b> Doctoral student at Al Farabi Kazakh National University, seconded to the doctoral program of Novosibirsk State University</p> <p><b>2008 – 2011</b> Head of the Department of "Computer Systems" of M.H. Dulati Taraz State University.</p> <p><b>2011- present</b> Head of the Department "Information Systems" of the L.N. Gumilyov Eurasian National University.</p>	<p><b>Publications (favorites)</b></p> <ol style="list-style-type: none"> <li>1. Morozov, A.S., Tussupov, D.A. Minimal Predicates for <math>\Delta</math>-Definability (2020) Algebra and Logic, 59 (4), pp. 328-340 (Процентиль – 50)</li> <li>2. Serikbayeva, S., Tussupov, J., Sambetbayeva, M., Muratova, G., Makhanov, M., Borankulova, G., Yerimbetova, A. (2021). Development of queries using the Z39.50 protocol in distributed information systems to support scientific and educational activities. Eastern-European Journal of Enterprise Technologies, 5 (2 (113)), 66–79. doi: <a href="https://doi.org/10.15587/1729-4061.2021.239540">https://doi.org/10.15587/1729-4061.2021.239540</a> (Процентиль – 56)</li> <li>3. Serikbayeva, S., Tussupov, J., Sambetbayeva, M., Yerimbetova, A., Sadirmekova, Z., Tungatarova, A., Batyrkhanov, A., Zakirova, A. (2021). Development of model and technology access to documents in scientific and educational activities. Eastern-European Journal of Enterprise Technologies, 6 (2 (114)), 44–58. doi: <a href="https://doi.org/10.15587/1729-4061.2021.24850">https://doi.org/10.15587/1729-4061.2021.24850</a> (Процентиль -56)</li> <li>4. Serikbayeva, S., Tussupov, J. A., Sambetbayeva, M. A., Yerimbetova, A., Borankulova, G., &amp; Tungatarova, A. (2022). A model of a distributed information system based on the z39.50 protocol. International Journal of Communication Networks and Information Security (IJCNIS), 13(3). <a href="https://doi.org/10.17762/ijcnis.v13i3.5122">https://doi.org/10.17762/ijcnis.v13i3.5122</a> (Процентиль – 51)</li> </ol>

**Books :**

1. S.S. Goncharov, B.N. Drobotun, A.A. Nikitin, Zhogargy oku oryndarynda algebralyk juyelerdi okyp-uyrenudin adistemelik aspectileri, Monograph. Basylym UGTF SCH KFb 2011, 287 B. Audarushylar: Tusupov D.A., Zhetpisov K.
  2. S.S. Goncharov, B.N. Drobotun, A.A. Nikitin. Logikalyk sanaktardyn algebralyk zhane algorithmdik
  3. kasiеттери (1 bolim) // Monograph. Monograph. Basylym Eurasia ulttyk universitetin baspasy, 2014, 228 b. Audarushylar: Tusupov D.A., Zhetpisov K.
  4. Ershov Yu.L., Palyutin E.A. Matematikalyk logika // Monograph. Basylym UGTF SCH KFb 2015, 396 b. Audarushylar: Tusupov D.A., Zhetpisov K.
  5. C/C++ tilindegi bagdarlamalau technologiyasi, Textbook. Taraz 2011.-131
  1. Sovm. with Doumcharieva Zh.E., Mukhanova A.A., Satekbayeva A.Zh
  - . 6. Matematikalyk logika, Publishing House of M.H. Dulati TarSU, 2000. Sovm. with Zhetpisov K.
  7. Discrettik matematikaga kirispe, Publishing House of M.H. Dulati TarSU, 2000
  8. Discrete mathematicanyn negizderi, Publishing House of M.H. Dulati TarSU, 2009
  9. Methods of definability of algebraic structures and their application in the translation of data types. Monografia. – Astana, ENU Publishing House, 2013
  10. Risk assessment in information systems based on objective and expert assessments L.N. ENU Printing House, 2015 G. Gumilev, 154 p. Sovm. with authors Abdenov A.Zh., Abdenova G.A., Zarkumova-Reichel R.N.
  - .
5. Sadirmekova Zh.B, Tussupov D.A., Sambetbayeva M.A., Nurgulzhanova A.N., Doshtaev K.Zh. Development of the Methodology for Metadata Extraction from Documents in the Course of Information System Integration Using the Ontological Model of the Subject Field// International Journal of Emerging Trends in Engineering Research. – 2020. – Vol. 8(9). – P. 6231–6239. (Процентиль -54)
  - 6.2.4 Статья в журнале, входящем в четвертый квартиль (Q4) базы данных Web of Science или имеющем процентиль по CiteScore в базе Scopus от 25 до 49
    1. Taganova, G., Tussupov, J., Abdildayeva, A., Serikbayeva, S., Sadirmekova, Z.H., Azieva, G., Mamatayeva, D., Tolganbayeva, M. Methods of short term electricity demand forecasting (2022) Journal of Theoretical and Applied Information Technology, 100 (14), pp. 5292-5299. (Процентиль -30)
    2. Sandugash, S., Jamalbek, T., Madina, S., Akbota, Y., Ainur, A. Building a Standard Model of an Information System for Working with Documents on Scientific and Educational Activities (2021) International Journal of Advanced Computer Science and Applications, 12 (9), pp. 445-455 (Процентиль -43)
    3. Serikbayeva, S.K., Tussupov, D.A., Sambetbayeva, M.A., Yerimbetova, A.S., Taszhurekova, Z.H.K., Borankulova, G.S. EduDIS construction technology based on z39.50 protocol (2021) Journal of Theoretical and Applied Information Technology, 99 (10), pp. 2244-2255. (Процентиль – 36)
    4. Kashkimbayeva, N.M., Kaldarova, M.Z.H., Tusupov, J.A., Likhachevsky, D.V., Farabi, E.K. Description usgs and calculation of NDVI in QGIS (2020) Journal of Theoretical and Applied Information Technology, 98 (11), pp. 1867-1876 (Процентиль-36)
    5. Kasekeyeva, A.B., Batura, T.V., Efimova, L.V., Murzin, F.A., Tussupov, J.A., Yerimbetova, A.S., Doshtayev, K.Zh. Link grammar and formal analysis of paraphrased sentences in a natural language (2020) Journal of Theoretical and Applied Information Technology, 98 (10), pp. 1724-1736 (Процентиль – 36)
    6. Kantureyeva, M.A., Tussupov, J.A., Murzin, F.A., Usanova, A.I., Abisheva, A.A. Application of cellular automata for modeling and review of methods of movement of a group of people (2019) Journal of Theoretical and Applied Information

<p><b>Grants:</b></p> <p>1 Project manager: "Development of an information retrieval thesaurus (taking into account the morphology of the Kazakh language) in full-text databases on IT technologies" under the program "Grant financing of scientific research 2015-2017"</p> <p>2 Project executor: "Algorithmic and model-theoretic properties of algebraic structures" under the program: Grant financing of scientific research Research (GF4) (2015-2017)</p> <p>3 Executor of the international project: "Interaction of Turkic languages and cultures in post-Soviet Kazakhstan", jointly with Frankfurt University, Germany, Frankfurt (Main), due date 2014-2017</p> <p>4 Project manager: "Computability, interpretability and algebraic structures" under the program "Grant financing of scientific research 2018-2020."</p> <p>5 Project manager: "Model-theoretic and algorithmic properties of algebraic structures" under the program "Grant financing of scientific research 2020-2022."</p>	<p>Technology, 97 (15), pp. 4000-4010 (Процентиль – 36)</p> <p>7. Тусупов Д.А., Муханова А.А. Приложение логических правил в процессах принятия решений // News of the national academy of sciences of the republic of Kazakhstan. – Almaty, 2021. – №6 (340). – С. 136-141</p> <p>8. Ж.Б., Тусупов Д.А., Самбетбаева М.А. Методы создания информационных систем, интегрированных в открытое семантическое пространство// Вестник Казахской академии транспорта и коммуникаций имени М.Тынышпаева.– Алматы, 2020. – №2. – С. 327-335.</p> <p>9. Sadirmekova Zh.B., Tussupov D.A., Sambetbayeva M.A., Daiyrbayeva E.N. Development of an information system model designed to support scientific and educational activities // The Bulletin of Kazakh Academy of Transport and Communications named after M.Tynyshpayev. – Almaty, 2020. – №3. – P. 276–284.</p> <p>10. Sadirmekova Zh.B., Tussupov D.A., Sambetbayeva M.A., Altynbekova Zh.T. Data integration methods in information systems // Herald of The Kazakh - British Technical University. – Almaty, 2020. – №3. – P.165-174</p> <p>11. Sadirmekova Zh.B., Tussupov D.A., Sambetbayeva M.A., Altynbekova Zh.T. Building an information system to support scientific and educational activities based on the ontological model of the subject area // News of the national academy of sciences of the republic of Kazakhstan. – Almaty, 2020. – №6 (334). – P. 45-52</p> <p>12. Sadirmekova Zh.B., Tussupov D.A., Sambetbayeva M.A., Altynbekova Zh.T. Technology for building ontologies for an information system to support scientific and educational activities// Bulletin of L.N. Gumilyov ENU. Technical Sciences and Technology Series. – Nur-Sultan, 2020. – №4 (133). – P. 7-15.</p>
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