Name: Zhensykbaev Alexander
Rank: Assistant Professor
Department: Operations Management and Information Systems
College: Bang College of Business
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Areas of Research:
Theory of functions and operators; optimal recovery problem; adoptive algorithms; Fourier analysis; numerical analysis.

Research Interest:
Theory of functions and operators; Optimal recovery problem, using (in) accurate information; Numerical analysis, Adoptive algorithms; Fourier analysis, Splines and Wavelets and its applications; Reconstruction of radionuclide and other fields; Convex analysis in Economics; Functional systems in Statistics.

Main Publications:

Books:

1. Zhensykbaev A.A. Theory of sequences. Almaty, KazGU, 2005, 40 pp., ISBN 9965-25-639-7
2. Zhensykbaev A.A. Differential forms and the manifolds. Moscow, RCD, 2007, 144 pp. ISBN 5-98412-348-7

Journal Articles:

1. Zhensykbaev A.A. Smoothing of multivariate functions, Function Spaces, Approx. Theory, Nonlinear Analysis, Int.conf. Moscow, 23-29 May 2005, 372.
2. Interpolation and Smoothing of multivariate functions. Bulletin of Marathwada Mathematical Society, 2007, 7

Book Chapters:

Conference Proceedings:

Patent:

Conferences attended:

1. Zhensykbaev A.A. Methods of optimal recovery of multivariate functions. Curves and Surfaces. Avignon, France, June 29 -- July 5, 2006
2. Zhensykbaev A.A. Optimal approximation and to the free boundary problems."Nonlinear System: Modeling Simulation and Applications" Nanded, INDIA, December 19-22, 2006
3. Zhensykbaev A.A. Application of some interpolated methods to the free boundary problems. Twelfth International Conference in Approximation Theory.San Antonio, Texas, USA, 4-8 March 2007
4. Zhensykbaev A.A. Optimal recovery of operators and its application. Extremal Problems in Complex and Real Analysis, Moscow, Russia, May 22-26, 2007
5. Zhensykbaev A.A. Approximate solutions of some free boundary Problems. Recent problems of Mathematics, Mechanics and Informatics, Tula, Russia, November 19-23, 2007
6. Zhensykbaev A.A. Interpolated methods of multivariate functions and application to the free boundary problems. II. Turkish World Mathematics Symposium, Sakarya,

Turkey, 4-7 July 2007

Seminars:

Research Funds received in the last five years, indicate below:

(a) Internal (KIMEP)

Consulting Projects

(a)Supporting Company:
(b)Project Title:
(c) Team:
(d) Amount:
(e)Year:

(b) External

If external funds received, indicate below:

(a)Name (s) of the supporting organization (s)
(b)Project titles

Other members of the research group, if any:
Affiliations of the group members, if any:
Local collaboration, if any:
International collaboration, if any:

1. Vanderbilt Univ. (USA) prof. Schumacher L.L.
2. Mathematical Institute of V.A.Steklov (Russia) academician S.M.Nikolskii
3. Institute of Mathematics (Ukraine) prof. Shevchuk

Consolidated Information:

Research Outcomes in the last five years

(a) No of refereed published papers……..…….2
(b) No of internal working papers/reports
(c) No of conferences attended…….. ……..6
(d) No of papers published in conference proceedings
(e) No of refereed books…….2
(f) No of refereed book chapters
(g) No of patents developed
(h) No of consulting projects
(i) No of seminars