

Bakalaura studiju programma „Matemātika”
Akadēmiskā personāla zinātniskās publikācijas
2004./2005. studiju gads

A. Gritsans, F. Sadyrbaev. The Taylor series expansion coefficients of solutions of the Emden - Fowler type equations. P. 20.

Book of Abstracts of the 9th International Conference “Mathematical Modelling and Analysis”, May 27 – 29, 2004, Jurmala, Latvia.

<http://www.mma2004.lv/>

F. Sadirbajevs. Two-point nonlinear boundary value problems: quasilinearization and types of solutions. P. 54.

Acta Societatis Mathematicae Latviensis, Abstracts of the 5th Latvian Mathematical Conference, 6-7 April, 2004, Daugavpils, Latvia.

<http://www.de.dau.lv/matematika/lmb5/>

A. Gricāns, F. Sadirbajevs. The Taylor series expansion coefficients of solutions of the Emden - Fowler type equations. P. 32.

Abstracts of the 5th Latvian Mathematical Conference, 6-7 April, 2004, Daugavpils, Latvia.

<http://www.de.dau.lv/matematika/lmb5/>

A. Gricāns, F. Sadirbajevs. Trigonometry of lemniscatic functions // In the paper collection “Mathematics. Differential equations.” – 2004. – Univ. of Latvia, Institute of Math. and Comp. Sci. – Vol. 4 – P. 22 - 29.

<http://www.lumii.lv/sbornik1/contents.htm>

F. Sadyrbaev. Types of solutions of the second order Neumann problem: multiple solutions functions // In the paper collection “Mathematics. Differential equations.” – 2004. – Univ. of Latvia, Institute of Math. and Comp. Sci. – Vol. 4 – P. 5 - 21. (*Līdzautore I. Yermachenko*).

<http://www.lumii.lv/sbornik1/contents.htm>

F. Sadyrbaev. On Nehari solutions. Book of Abstracts, EQUADIFF 11 International Conference on Differential Equations Czecho.Slovak series, Comenius University, Bratislava, Slovakia, July 25.29, 2005. – P. 81 (*Līdzautors A. Gritsans*).

<http://pc2.iam.fmph.uniba.sk/equadiff/program/abstracts.pdf>

F. Sadyrbaev. Sharp conditions for the superlinearity of the second order ordinary differential equations. Proceedings of the International Conference on Differential Equations EQUADIFF 2003, Hasselt, Belgium 22 - 26 July 2003. – World Scientific, Singapore, 2005, 243 –245 (*Līdzautors Yu. Klovov*).

F. Sadyrbaev. Quasilinearization and multiple solutions of the Emden -Fowler type equation. Math. Modelling and Analysis, Vilnius, 10(2005), N 1, 41-50. (*Līdzautore I. Yermachenko*).

F. Sadyrbaev. Two-point boundary value problems with monotonically boundary conditions for one-dimensional ϕ -Laplacian equations. Functional-Differential Equations, College Judea & Samaria Research Institute, Ariel, Israel, 12 (2005), 347 – 363. (*Līdzautori L. Lepin, A.Ya. Lepin*).

F. Sadyrbaev. The Taylor Series Expansion Coefficients for Solutions of the Emden-Fowler Type Equations. Math. Modelling and Analysis, Vilnius, 10(2005), N 1, 41-50. (*Līdzautors A. Gritsans*).

F. Sadyrbaev. Estimations of the number of solutions to some nonlinear second order boundary value problems. LU MII Zinātn. Raksti. Matemātika. Diferenciālvienādojumi. – 5. Sējums (2005), lpp. 24 – 32 (*Līdzautore S. Ogorodnikova*).

F. Sadyrbaev. Types of solutions and multiplicity results for two-point fourth order nonlinear boundary value problems. LU MII Zinātn. Raksti. Matemātika. Diferenciālvienādojumi. – 5. Sējums (2005), lpp. 33 – 46. (*Līdzautore I. Yermachenko*).

F. Sadyrbaev. Explicit solutions of non-autonomous Emden - Fowler type equations. LU MII Zinātn. Raksti. Matemātika. Diferenciālvienādojumi. – 5. Sējums (2005), lpp. 5 – 23. (*Līdzautors A. Gritsans*).