

Anexa 2

Standarde minimale

05.2019

Punctaj:

$$\mathbf{c} = \mathbf{30.78} \geq \mathbf{2.5}, \mathbf{c_{recent} = 27.4} \geq \mathbf{1.5}, \mathbf{c_{up} = 12.66} \geq \mathbf{1}.$$

$$\mathbf{Numar citari : 21} \geq \mathbf{6}$$

Descriere:

- 1) Ionuț Munteanu ,Exponential stabilization of the stochastic Burgers equation by boundary proportional feedback, Discrete and Continuous Dynamical Systems Series A, 39(4): 2173-2185, 2019.

$$\mathbf{s=1.62, n=1, \frac{s}{n}=1.62} ;$$

- 2) Ionuț Munteanu, Boundary stabilisation to non-stationary solutions for deterministic and stochastic parabolic-type equations, Int. J. Control, doi.org/10.1080/00207179.2017.1407878

$$\mathbf{s=1.29, n=1, \frac{s}{n}=1.29};$$

- 3) Ionuț Munteanu , Boundary stabilization of the stochastic heat equation by proportional feedbacks, Automatica 87 (2018), 152-158

$$\mathbf{s= 4.82, n=1, \frac{s}{n}=4.82};$$

- 4) Ionuț Munteanu, M. Roeckner, The total variation flow perturbed by gradient linear multiplicative noise, Infinite Dimensional Analysis, Quantum Probability and Related Topics 21, 1, 22 pp

$$\mathbf{s=1.06, n=2, \frac{s}{n}=0.5};$$

- 5) Ionuț Munteanu , Boundary stabilization of a 2-D periodic MHD channel flow, by proportional feedbacks, ESAIM COCV 23(4), (2017), 1253-1266
s=2.16, n=1, $\frac{s}{n}=2.16$;
- 7) Ionuț Munteanu , Stabilisation of parabolic semilinear equations. International Journal of Control 90 (2017), no. 5, 1063-1076. **s=1.29, n=1, $\frac{s}{n}=1.29$**
- 8) Ionuț Munteanu, Stabilization of a 3-D periodic channel flow by explicit normal boundary feedbacks. Journal of Dynamical and Control Systems 23 (2017), no. 2, 387-403.
s=0.9, n=1, $\frac{s}{n}=0.9$;
- 9) Ionuț Munteanu , Stabilization of stochastic parabolic equations with boundary-noise and boundary-control. Journal of Mathematical Analysis and Applications 449 (2017), no. 1, 829-842.
s=1.13, n=1, $\frac{s}{n}=1.13$;
- 10) Ionuț Munteanu, Liu, Hanbing; Hu, Peng, Boundary feedback stabilization of Fisher's equation. Systems Control Letters 97 (2016), 55-60
s=2.23, n=3, $\frac{s}{n}=0.7$;
- 11) Ionuț Munteanu, Stabilization of Semilinear Heat Equations, with Fading Memory, by boundary feedbacks, Journal of Differential Equations 259 (2015) 454-472
s=2.59, n=1, $\frac{s}{n}=2.59$;
- 12) Ionuț Munteanu, Boundary stabilization of the Navier-Stokes Equation with Fading Memory , International Journal of Control, 88 (3), 531-542, 2015
s=1.29, n=1, $\frac{s}{n}=1.29$

- 13) Ionuț Munteanu, A. Lorenzi, Recovering a constant in the two-dimensional Navier-Stokes system with no initial condition, Applied Mathematics and Optimization 70 (2), 309-344, 2014
 $s=1.8$, $n=2$, $\frac{s}{n}=0.9$;
- 14) Ionuț Munteanu, Boundary stabilization of the phase field system by finite-dimensional feedback controllers, Journal of Mathematical Analysis and Applications 412, 964 - 975, 2014
 $s=1.13$, $n=1$, $\frac{s}{n}=1.13$
- 15) Ionuț Munteanu, Boundary feedback stabilization of periodic fluid flows in a magnetohydrodynamic channel, IEEE Transactions on Automatic Control 58 (8), 2119 - 2125, 2013
 $s=4.85$, $n=1$, $\frac{s}{n}=4.85$;
- 16) Ionuț Munteanu, Normal feedback stabilization for linearized periodic MHD channel flow, at low magnetic Reynolds number, Systems & Control Letters, 62, 55-62, 2013
 $s=2.23$, $n=1$, $\frac{s}{n}=2.23$
- 17) Ionuț Munteanu, Existence of solutions for models of shallow water in a basin with degenerate varying bottom, Journal of Evolution Equations, 12(2), 393-412, 2012
 $s=1.48$, $n=1$, $\frac{s}{n}=1.48$;
- 22) Ionuț Munteanu, Normal feedback stabilization of periodic flows in a three-dimensional channel, Numerical Functional Analysis and Optimization, 33(6), 611-637, 2012
 $s=0.62$, $n=1$, $\frac{s}{n}=0.62$;
- 23) Ionuț Munteanu, Normal feedback stabilization of periodic flows in a two-dimensional channel, Journal of Optimization Theory and Applications, 152(2), 413-443, 2012

$$s=1.28, n=1, \frac{s}{n}=1.28.$$

Aici s reprezintă scorul relativ de influență al jurnalului, n numărul de autori iar $c = \sum \frac{s}{n}$, $c_{recent} = \sum \frac{s}{n}$ doar pentru jurnalele din ultimii 7 ani iar $c_{up} = \sum \frac{s}{n}$ doar pentru jurnalele de la ultima promovare.

Citari:

- 1) I.M., Normal feedback stabilization of periodic flows in a two-dimensional channel, Journal of Optimization Theory and Applications, 152(2), 413-443, 2012. Citat in:
 - 1) V. Barbu, Stabilization of Navier-Stokes Equations by Oblique Boundary Feedback Controllers, SIAM J. Control Optim., 50(4), 2288-307, 2012. **s=2.38**
 - 2) HB Liu, Boundary Optimal Control of Time-Periodic Stokes-Oseen Flows, J. Optimiz. Theory Applications 154, 2012. **s=1.42**
 - 3) S.S. Rodrigues, Feedback boundary stabilization to trajectories for 3D Navier-Stokes equations, Applied Mathematics & Optimization, 2018 **s=1.6**
 - 4) LIU Hanbing, X Haijun, Boundary feedback stabilization of Boussinesq equations, Acta Mathematica Scientia, 2018 **s=0.5**
 - 5) S. Chowdhury, S. Ervedoza, Open loop stabilization of incompressible Navier-Stokes equations in a 2d channel using power series expansion, Journal de Mathematiques Pure et Appliquees, 2019 **s=3.28**
- 2) I.M., Boundary stabilization of the phase field system by finite-dimensional feedback controllers, Journal of Mathematical Analysis and Applications 412, 964 - 975, 2014. Citat in

- 1) LIU Hanbing, X Haijun , Boundary feedback stabilization of Boussinesq equations, Acta Mathematica Scientia, 2018 **s=0.5**
- 3) I.M. , Stabilisation of parabolic semilinear equations. International Journal of Control 90 (2017), no. 5, 1063-1076. Citat in:
 - 1) LIU Hanbing, X Haijun , Boundary feedback stabilization of Boussinesq equations, Acta Mathematica Scientia, 2018 **s=0.5**
- 4) I.M., Stabilization of Semilinear Heat Equations, with Fading Memory, by boundary feedbacks, Journal of Differential Equations 259 (2015) 454-472. Cittat in
 - 1) L Li, X Zhou, H Gao, The stability and exponential stabilization of the heat equation with memory, Journal of Mathematical Analysis and Applications, 2018 **s=1.8**
- 5) I.M., Boundary stabilization of the Navier-Stokes Equation with Fading Memory , International Journal of Control, 88 (3), 531-542, 2015. Citat in:
 - 1) B de Andrade, A Viana, Abstract Volterra integrodifferential equations with applications to parabolic models with memory, Mathematische Annalen, 2017 **s=3.2**
- 6) H Liu, P Hu, I Munteanu, Boundary feedback stabilization of Fisher's equation, Systems & Control Letters, 2016. Citat in:
 - 1) HB Liu, Impulse output feedback stabilization of Fisher's equation, Systems & Control Letters, 2017 **s=2**
 - 2) M Safari, MJ Ameri, A Naderifar , An efficient boundary control for porous media equation: Motivated by water coning problem, The Canadian Journal of Chemical Engineering 2019 **s=0.5**
- 7)

- 21) I.M., Existence of solutions for models of shallow water in a basin with degenerate varying bottom, Journal of Evolution Equations, 12(2), 393-412, 2012
 - 1) B Al Taki, Viscosity effect on the degenerate lake equations, Non-linear Analysis: Theory, Methods & Applications, 2017 **s=1.2**
- 8) I.M., Normal feedback stabilization of periodic flows in a three-dimensional channel, Numerical Functional Analysis and Optimization, 33(6), 611-637, 2012. Citat in :
 - 1) D Phan, SS Rodrigues, Stabilization to trajectories for parabolic equations, Mathematics of Control, Signals, and Systems, 2018 **s=3.4**
 - 2) SS Rodrigues, Feedback boundary stabilization to trajectories for 3D Navier-Stokes equations, Applied Mathematics & Optimization, 2018 **s=1.6**
- 10) I.M., Boundary feedback stabilization of periodic fluid flows in a magnetohydrodynamic channel, IEEE Transactions on Automatic Control 58 (8), 2119 - 2125, 2013. Citat in:
 - 1) Z Ren, C Xu, Z Wu, X Liu, Optimal tracking control of flow velocity in a one-dimensional magnetohydrodynamic flow, Engineering Optimization, 2019 **s=1.4**
 - 2) Z Ren, Z Zhao, Z Wu, T Chen, Dynamic optimal control of a one-dimensional magnetohydrodynamic system with bilinear actuation, IEEE Access, 2018 **s=2.7**
 - 4) Z Ren, Z Zhou, C Xu, Z Wu, T Chen, Computational bilinear optimal control for a class of one-dimensional MHD flow systems, ISA transactions, 2019 **s=1.9**
- 11) I.M., The total variation flow perturbed by gradient linear multiplicative noise, Infinite Dimensional Analysis, Quantum Probability and

Related Topics 21, 1, 22 pp (jointly with M. Roeckner) . Citat in :

- 1) V Barbu, Z Brzezniak, L Tubaro, Stochastic nonlinear parabolic equations with Stratonovich gradient noise, Applied Mathematics & Optimization, 2018 **s=1.6**
- 12) I.M., A nonlinear fourth-order diffusion-based model for image denoising and restoration, PROCEEDINGS OF THE ROMANIAN ACADEMY, Series A, Volume 18, Number 2/2017, pp. 108-115 (jointly with T. Barbu) . Citat in:
 - 1) NA Basran, JH Eng, A Saud, Implementation of the Explicit Group Iterative Method for Solving Image Blurring Problem using Non-Linear Diffusion Equations, Journal of Physics 2018 **s=0.6**

I.M., Boundary stabilisation to non-stationary solutions for deterministic and stochastic parabolic-type equations, Int. J. Control 2017

- 1) SS Rodrigues, K Sturm, On the explicit feedback stabilization of one-dimensional linear nonautonomous parabolic equations via oblique projections, IMA Journal of Mathematical Control 2018 **s=0.9**

I. M., A. Lorenzi, Recovering a Constant in the Two-Dimensional Navier-Stokes System with No Initial Condition, Applied Mathematics and Optimization 2014. Citat in:

- 1) A Lorenzi, A STRONGLY ILL-POSED INTEGRODIFFERENTIAL SINGULAR PARABOLIC PROBLEM IN THE UNIT CUBE OF R^n , Evolution Equations & Control Theory, 2014. **s=0.9**