

Potvrzení

Jako spoluautor článků

[1] *J. Smítal and M. Štefánková*, Omega-chaos almost everywhere, *Discrete and Continuous Dynamical Systems* 9 (2003), 1323 – 1327

[2] *J. Smítal and M. Štefánková*, Distributional chaos for triangular maps, *Chaos, Solitons & Fractals* 21 (2004), 1125 - 1128

[3] *F. Balibrea, J. Smítal and M. Štefánková*, The three versions of distributional chaos, *Chaos, Solitons & Fractals* 23 (2005), 1581 – 1583

[4] *F. Balibrea, J. Smítal and M. Štefánková*, A triangular map of type 2^∞ with positive topological entropy on a minimal set, *Nonlin. Anal. A: Theory, Methods Appl.* 73 (2011), 1690 - 1693

[5] *F. Balibrea, J. Smítal and M. Štefánková*, On open problems concerning distributional chaos for triangular maps, submitted

potvrzují, že M. Štefánková významně přispěla k jejich vzniku. V případě článků [2] a [3] byl její přínos zásadní. Oba vznikaly před jejím nástupem na mateřskou dovolenou jako jediný samostatný článek. Nestihla jej ale dokončit a protože hrozilo nebezpečí, že k podobným výsledkům dojde někdo jiný, požádala mne o dokončení. Část jsem dokončil sám, část ve spolupráci s F. Balibreou v době své návštěvy na Univerzitě v Murcii.

Opava, 14. 1. 2011.



Jaroslav Smítal

To anybody whom it may concern

This is to confirm that Dr. Marta Štefánková from the Silesian university in Opava has been coauthor of the following papers:

- [1] *L. Reich, J. Smítal and M. Štefánková*, The continuous solutions of a generalized Dhombres functional equation, *Math. Bohemica* 129 (2004), 399 - 410.
- [2] *L. Reich, J. Smítal and M. Štefánková*, The converse problem of a generalized Dhombres functional equation, *Math. Bohemica* 130 (2005), 301 - 308.
- [3] *L. Reich, J. Smítal and M. Štefánková*, Local Analytic Solutions of the Generalized Dhombres Functional Equation I, *Österreich. Akad. Wiss. Math.-Natur. Kl. Sitzungsber. II.* 241 (2005), 3 - 25 (2006).
- [4] *L. Reich, J. Smítal and M. Štefánková*, The holomorphic solutions of the generalized Dhombres functional equation, *J. Math. Anal. Appl.* 333 (2007), 880 - 888.
- [5] *L. Reich, J. Smítal and M. Štefánková*, Local analytic solutions of the generalized Dhombres functional equation II, *J. Math. Anal. Appl.* 355 (2009), 821 - 829.
- [6] *L. Reich, J. Smítal and M. Štefánková*, Functional equation of Dhombres type in the real case, *Publ. Math. Debrecen* 78 (2011).

Her contribution to the above papers has been significant and relevant.

Graz, January 14, 2011



Prof. Dr. Ludwig Reich
Universität Graz

Opava, January 18, 2011



Prof. Dr. Jaroslav Smítal
Silesian University Opava

Dr. Piotr Oprocha
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Kraków, January 12, 2010

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To Whom It May Concern:

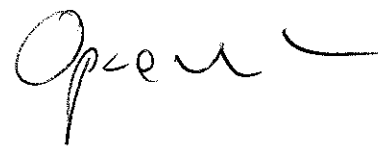
Hereby I certify that Doc. Marta Štefánková was an initiator of writing of our joint paper

P. Oprocha and M. Štefánková, Specification property and distributional chaos almost everywhere, Proc. Amer. Math. Soc., 136 (2008) 3931-3940.

I estimate that the individual contribution of Doc. Marta Štefánková to the creation of this paper is at least 50%. I also agree that Doc. Marta Štefánková uses this paper for the process of getting further academic degrees in Czech Republic (professorship procedure).

Yours faithfully,

Dr. Piotr Oprocha





To whom may concern,

This is to confirm that Dr. Marta Stefánková from Silesian University in Opava has been coauthor of the following papers:

- 1) *F.Balibrea, J.Smital and M.Stefánková*, The three versions of distributional chaos, *Chaos, Solitons and Fractals* **23**, (2005), 1581-1583
- 2) *F.Balibrea, J.Smital and M.Stefánková*, A triangular map of type 2^{∞} with positive topological entropy on a minimal set, *Nonlinear Analysis A.- Theor.Meth.App.* **74**, (2011), 1690-1693
- 3) *F.Balibrea, J.Smital and M.Stefánková*, On open problems concerning distributional chaos for triangular maps, *submitted*

Her contribution to the above papers has been significant and relevant

Murcia 7th january 2011

Dr. Francisco Balibrea
Universidad de Murcia (Spain)