

PUBLICATION LIST

A. Books

- I. M. N. Pascu, **N. R. Pascu**, "*Problems and Solutions in Complex Analysis*", [Transilvania University Press](#), 2011. ISBN 978 – 973 – 598 – 924 – 8.

B. Articles in refereed journals

- [1]. **N. R. Pascu**, M. N. Pascu, *An univalence criterion for analytic functions defined in type φ convex domains*, [Complex Analysis and Operator Theory](#) , (2017) DOI 10.1007/s11785-017-0692-2 pp. 1-7 IF 0.663
- [2]. **N. R. Pascu**, M. N. Pascu, *Convexity constant of a domain and applications*, [Journal of Mathematical Analysis and Applications](#) JMAA-16-2601, **449**, No. 1, (2017), Pp. 793–807. IF 1.135
- [3]. R. Kargar, **N. R. Pascu**, A. Ebadian, *Locally univalent approximations of analytic functions* [Journal of Mathematical Analysis and Applications](#) (2017), , <https://doi.org/10.1016/j.jmaa.2017.04.054>). IF 1.135
- [4]. L. Beznea, M. N. Pascu, **N. R. Pascu**, *Connections between the Dirichlet and the Neumann problem for continuous and integrable boundary data*, Proceedings Conference Rodrigo Banuelos (accepted, to appear in [Progress in Probability](#) Springer International Publishing AG (2017), Birkhauser).
- [5]. L. Beznea, M. N. Pascu, **N. R. Pascu**, *An Equivalence Between the Dirichlet and the Neumann Problem for the Laplace Operator*, [Potential Anal.](#) 44 (2016), No. 4, pp. 655 – 672. IF 0.956
- [6]. M. N. Pascu, **N. R. Pascu**, N. Stoian, *Brownian Probabilities under symmetric rearrangement*, [Bull. Transilvania Univ. of Brasov Ser. III](#), 8(57) (2015), No. 2, pp. 89 – 92.
- [7]. M. N. Pascu, **N. R. Pascu**, *Convex approximations of analytic functions*, [Appl. Math. Comput.](#) 232 (2014), pp. 559 – 567. [MR3181294](#) IF 1.702
- [8]. M. N. Pascu, **N. R. Pascu**, O. Rachieru, *An asymptotic formula for the semimartingale local time of reflecting Brownian motion on an interval*, [Bull. Transilvania Univ. of Brasov Ser. III](#), 7(56) (2014), No. 1, pp. 47 – 56. [MR3234143](#)
- [9]. M. N. Pascu, **N. R. Pascu**, M. I. Pop, *A simple proof of the Gaussian lower bound for the Neumann heat kernel of convex domains*, [Bull. Transilvania Univ. of Brasov Ser. III](#), 6(55) (2013), No. 2, pp. 17 – 22. [MR3161080](#)
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- [11]. M. N. Pascu, **N. R. Pascu**, *Starlike approximations of analytic functions*, [Appl. Math. Comput.](#) **218** (2012), No. 12, pp. 6825 – 6832. [MR2880338](#) IF 1.702
- [12]. M. N. Pascu, N. R. Pascu, *A note on the sticky Brownian motion on \mathbb{R}* , [Bull. Transilv. Univ. Brasov Ser. III](#), 4(53) (2011), No. 2, pp. 57 – 62. [MR2926619](#)
- [13]. M. N. Pascu, **N. R. Pascu**, *Neighborhoods of univalent functions*, [Bull. Aust. Math. Soc.](#) **83** (2011), No. 2, pp. 210 – 219. [MR2784778](#)
- [14]. M. N. Pascu, **N. R. Pascu**, *A closer look at the solution of a degenerate stochastic differential equation*. [Bull. Transilv. Univ. Brasov Ser. III](#) **4 (53)** (2011), No. 1, pp. 59 – 66. [MR2995811](#)
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C. Preprints

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