

1 етап 2020 року (02.10.2020 - 31.12.2020):

1. V. Bohun, A. Iksanov, A. Marynych, B. Rashytov. [Renewal theory for iterated perturbed random walks on a general branching process tree: intermediate generations](#) , Journal of Applied Probability, 59, no. 2, у друці.
2. A. Iksanov, A. Marynych, I. Samoilenko. [On intermediate levels of nested occupancy scheme in random environment generated by stick-breaking II](#) , Stochastics, у друці.

1 етап 2021 року (01.05.2021 - 31.08.2021):

1. V. Bogdanskii, I. Pavlyukevich, A. Pilipenko. [Limit behaviour of random walks on \$Z^m\$ with two-sided membrane](#) , подана до друку, 20 сторінок.
2. V. Bohun. [Probabilistic analysis of vantage point trees](#) , Modern Stochastics: Theory and Applications, <https://doi.org/10.15559/21-VMSTA188>.
3. V. Bohun, A. Marynych. [On the local time of a recurrent random walk on \$Z^2\$](#) , Theory of Probability and Mathematical Statistics, 105, 69-78.
4. **A. Iksanov**, Z. Kabluchko, **V. Kotelnikova**. [A functional limit theorem for nested Karlin's occupancy scheme generated by discrete Weibull-like distributions](#) , Journal of Mathematical Analysis and Applications, 507, no. 2, 125798.
5. **A. Iksanov**, A. Pilipenko, O. Prykhodko. [Functional limit theorems for random walks perturbed by positive alpha-stable jumps](#) , подана до друку, 22 сторінки.
6. A. Iksanov, B. Rashytov, I. Samoilenko. [Renewal theory for iterated perturbed random walks on a general branching process tree: early generations](#) , подана до друку, 19 сторінок.
7. Z. Kabluchko, **A. Marynych**. [Lah distribution: Stirling numbers, records on compositions, and convex hulls of high-dimensional random walks](#) , подана до друку, 40 сторінок.

2 етап 2021 року (01.09.2021 - 31.12.2021):

1. V. Bohun, A. Marynych. [Random walks with sticky barriers](#) , Modern Stochastics: Theory and Applications, у друці.
2. A. Iksanov, O. Kondratenko. [Functional limit theorems for discounted exponential functional of random walk and discounted convergent perpetuity](#) , Statistics and Probability Letters, 176, 109148.

3. **A. Iksanov**, A. Nikitin, **I. Samoilenko**. [Limit theorems for discounted convergent perpetuities](#), Electronic Journal of Probability, 26, no. 131, 1-15.
4. A. Iksanov, A. Marynych, B. Rashytov. [Stable fluctuations of iterated perturbed random walks in intermediate generations of a general branching process tree](#), подана до друку, 17 сторінок.
5. **A. Iksanov**, A. Pilipenko. [On a skew stable Levy process](#), подана до друку, 23 сторінки.