

## Accepted Manuscript

Slow diffusion by Markov random flights

Alexander D. Kolesnik

PII: S0378-4371(18)30089-X  
DOI: <https://doi.org/10.1016/j.physa.2018.02.013>  
Reference: PHYSA 19133

To appear in: *Physica A*

Received date: 5 September 2017  
Revised date: 15 January 2018

Please cite this article as: A.D. Kolesnik, Slow diffusion by Markov random flights, *Physica A* (2018), <https://doi.org/10.1016/j.physa.2018.02.013>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## Highlights

- A conception of slow diffusion processes in the Euclidean spaces is presented.
- Slow diffusion condition that, on long time intervals, leads to stationary distributions, is given.
- Stationary distributions of slow diffusion processes in some Euclidean spaces of low dimensions, are presented.

Download English Version:

<https://daneshyari.com/en/article/7375594>

Download Persian Version:

<https://daneshyari.com/article/7375594>

[Daneshyari.com](https://daneshyari.com)