

# Document details

[Back to results](#) | **1 of 2** [Next >](#)

[Full Text](#)

[View at Publisher](#)

[CSV export](#)

[Download](#)

[Save to list](#) | [More...](#)

Journal of Physics: Conference Series

Volume 697, Issue 1, 24 March 2016, Article number 012016

International Conference on Algebra, Analysis and Quantum Probability; Mechanics and Mathematics Faculty of the National University of Uzbekistan and Institute of Mathematics Tashkent, Uzbekistan; 10 September 2015 through 12 September 2015; Code 121011

[Open Access](#)

## Quadratic Stochastic Operators with Countable State Space (Conference Paper)

Ganikhodjaev, N.

Department of Computational and Theoretical Sciences, Faculty of Science, International Islamic University Malaysia, P.O. Box 25200, Pahang, Kuantan, Malaysia

### Abstract

[View references \(31\)](#)

In this paper, we provide the classes of Poisson and Geometric **quadratic stochastic operators with countable state space**, study the dynamics of these **operators** and discuss their application to economics. © Published under licence by IOP Publishing Ltd.

ISSN: 17426588 Source Type: Journal Original language: English

DOI: 10.1088/1742-6596/697/1/012016 Document Type: Conference Paper

Volume Editors: Rakhimov I., Ayupov S., Chilin V., Ganikhodjaev N., Mukhamedov F. Sponsors: Publisher: Institute of Physics Publishing

References (31)

[View in search results format](#)

### Cited by 0 documents

Inform me when this document is cited in Scopus:

[Set citation alert](#)

[Set citation feed](#)

### Related documents

#### On Gaussian nonlinear transformations

Ganikhodjaev, N., Hamzah, N.Z.A.  
(2015) AIP Conference Proceedings

#### On a Family of Strictly Non-Volterra Quadratic Stochastic Operators

Jamilov, U.  
(2016) Journal of Physics: Conference Series

#### Lebesgue quadratic stochastic operators on segment [0,1]

Ganikhodjaev, N., Hamzah, N.Z.A.  
(2015) ICREM7 2015 - Proceedings of the 7th International Conference on Research and Education in Mathematics: Empowering Mathematical Sciences through Research and Education

[View all related documents based on references](#)

Find more related documents in Scopus based on:

[Author](#)