

Yoshiaki Itoh
Curriculum Vitae
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Emeritus Professor, The Institute of Statistical Mathematics, Research Organization of Information and Systems (a national interuniversity research institute), 10-3 Midori-cho, Tachikawa, Tokyo 190-8562, Japan

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Emeritus Professor, Graduate University for Advanced Studies (a national University for Ph.D. education founded 1989), 10-3 Midori-cho, Tachikawa, Tokyo 190-8562, Japan

Place of birth: Saitama-ken, Japan

Date of birth: August 17, 1943

Nationality: Japanese

University examination and doctorate:

1968: Bachelor of Science, University of Tokyo (earth science)

1970: Master of Science, Tokyo Institute of Technology (mathematics). "The information theoretic proof of Kac's theorem".

1979: Doctor of Science, Tokyo Institute of Technology "Stochastic models for interacting populations"

Employment:

Aug. 1972 - Sep. 1980, Researcher, The Institute of Statistical Mathematics.

Oct. 1980 - Mar. 1985, Senior Researcher, The Institute of Statistical Mathematics

Apr. 1985 - Jan. 1988, Associate Professor, The Institute of Statistical Mathematics

Feb. 1988 – Mar. 2007, Professor, The Institute of Statistical Mathematics.

Apr. 1988 – Mar 2007, Professor, Department of Statistical Science, Graduate University for Advanced Studies

April 1998-March 2005, Director, Department of Interdisciplinary Statistics, The Institute of Statistical Mathematics

Apr. 2007-Present Emeritus Professor, The Institute of Statistical Mathematics.

Apr. 2007-Present Emeritus Professor, Department of Statistical Science, Graduate University for Advanced Studies

May 1996-April 2016, Member of the Adjunct Faculty, The Rockefeller University

May 2017-April 2018 Guest Investigator, The Rockefeller University

Recent stays abroad:

June 2006, September 2007, September 2008, September 2010, May 2011 May 2012

May 2013 , September 2016 research in Laboratory of Population of The Rockefeller University
September, October 2006, Department of Mathematics and Statistics, Queen's University (Canada)
December 2010, December 2012, December 2014, January 2017, January 2019, Institute of Statistical Science, Academia Sinica Taipei

Other activity:

From April 1981- March 2006, Associate Editor, Annals of the Institute of Statistical Mathematics

Membership:

American Mathematical Society,
Bernoulli Society for Mathematical Statistics and Probability,
The Crystallographical Society of Japan,
International Statistical Institute,
The Mathematical Society of Japan,
The Physical Society of Japan,
The Statistical Society of Japan,

Languages:

Mother tongue: Japanese
good: English

Publications of Yoshiaki Itoh

Itoh, Y. : The Information Theoretic Proof of Kac's Theorem, Proceedings of the Japan Academy, Vol.46, No.3 (1970) 283--386.

Itoh, Y.: Note on H-theorem for Kac model, Suuri Kagaku (Mathematical Sciences) No. 83 (1970) 15-20 (in Japanese).

Itoh, Y. : Boltzmann Equation on Some Algebraic Structure Concerning Struggle for Existence, Proceedings of the Japan Academy, Vol.47 (1971) 854--858.

Itoh, Y. : On a Ruin Problem with Interaction, Annals of the Institute of Statistical Mathematics, Vol.25, No.3 (1973) 635--641.

Itoh, Y.: Characterization of Normal Distribution by Means of Collision, Entropy and Time Reversal, RIMS Proceedings 223 (1974), Research Institute of Mathematical Sciences, Kyoto University, 28--41.

Itoh, Y. and Ueda, S. : The Model and Simulation of the Struggle for Existence, Proceedings of the Institute of Statistical Mathematics, Vol.23, No.1 (1975) 93--104. (in

- Japanese with English summary)
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- Itoh, Y. : Random Packing Model for Nomination of Candidates and its Application to Elections of the House of Representatives in Japan, Proceedings of the International Conference on Cybernetics and Society, IEEE (1978) 432--435.
- Itoh, Y. and Ueda, S. : Note on Random Packing Models for an Analysis of Elections, Proceedings of the Institute of Statistical Mathematics, Vol.25, No.1 (1978) 23--27 (in Japanese with English summary).
- Itoh, Y. and Ueda, S. : A Random Packing Model for Elections, Annals of the Institute of Statistical Mathematics, Vol.31 (1979) 157--167.
- Itoh, Y. : Random Collision Models in Oriented Graphs, Journal of Applied Probability, Vol.16 (1979) 36--44.
- Itoh, Y. : On the Minimum of Gaps Generated by One-Dimensional Random Packing, Journal of Applied Probability, Vol.17 (1980) 134--144.
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- Itoh, Y., Ueda, S. and Hasegawa, M. : The Broken-Stick Model for Amino Acid Composition in Proteins, Journal of Molecular Evolution, Vol.16 (1980) 69--72.
- Itoh, Y. : Non-Associative Algebra and Lotka-Volterra Equation with Ternary Interaction, Nonlinear Analysis, Vol.5, No.1 (1981) 53--56.
- Itoh, Y. and Ueda, S. : A Note on Application of Stereo-pair Drawing, Proceedings of the Institute of Statistical Mathematics, Vol.28, No.1 (1981) 55--59 (in Japanese with English summary).
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- Itoh, Y. and Ueda, S. : On Packing Density by a Discrete Random Sequential Packing of Cubes in a Space of m -Dimension, Proceedings of the Institute of Statistical Mathematics, Vol.31, No.1 (1983) 65--69 (in Japanese with English summary).
- Itoh, Y. : Random Collision Model for Random Genetic Drift and Stochastic Difference Equation, Annals of the Institute of Statistical Mathematics, Vol.36, B (1984) 353--362.
- Itoh, Y. : Note on a Restricted Random Cutting of a Stick, Proceedings of the Institute of Statistical Mathematics, Vol.33, No.1 (1985) 97--99 (in Japanese with English summary).
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