

**Yoshiaki Itoh**  
Curriculum Vitae  
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Member of the Adjunct Faculty, The Rockefeller University, 1230 York Avenue, New York, New York 10065-6399, USA

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- Present, Member of the Adjunct Faculty, The Rockefeller University

Recent stays abroad:

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

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Academy, Vol.46, No.3 (1970) 283--386.
- Itoh, Y.: Note on H-theorem for Kac model, Suuri Kagaku (Mathematical Sciences) No. 83  
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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).
- Itoh, Y. : Representation of Random Collision Model by Nonassociative Algebras, Proceedings of the Institute of Statistical Mathematics, Vol.30, No.2 (1983) 55-65 (in Japanese with English summary).
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- 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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- Itoh, Y. : Statistical Distribution on Symmetry Groups, Proceedings of the Institute of Statistical Mathematics, Vol.34, No.1 (1986) 19-27 (in Japanese with English summary).

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- Itoh, Y. and Jimbo M.: A Stochastic Construction of Gray Code, *RIMS Proceedings* 607, 76-82, Research Institute of Mathematical Sciences, Kyoto University.
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