Kazuhiko Aomoto
Essay by Nabhanya Neb

Birth and Death year: No information

[103, 600, 1966, 2020, 3, 3, 0]

Wikipedia: https://en.wikipedia.org/wiki/Kazuhiko_Aomoto

Dr. Kazuhiko Aomoto is a Japanese mathematician who introduced the Aomoto-Gel'fand hypergeometric function and the Aomoto integral. He was a professor at Nagoya University. In 1996 he received the Mathematical Society of Japan autumn prize for his research on complex integration.

His most recent position is a professor at the Graduate School of Mathematics at Nagoya University. Dr. Kazuhiko Aomoto has published and co-published several peer-reviewed scientific publications and has presented his work at numerous national and international conferences. Honorable subject specialists from all around the world have praised Dr. Kazuhiko Aomoto's efforts. Dr. Kazuhiko Aomoto is a member of a number of organizations and academies. Several prestigious prizes and funding have been bestowed upon Dr. Kazuhiko Aomoto's academic career.

His subject areas of study include ordinary differential equations, partial differential equations, integral equations, integrated circuits, computations on polynomials, and nonlinear equations.

He has publications in over ten subject areas, the main being global analysis, several complex variables and analytic spaces, and special functions. Some others are algebraic geometry, convex and discrete geometry, difference and functional equations, differential geometry, operator theory, partial differential equations, probability theory and stochastic processes, and quantum theory.

He wrote *Integral representations and holonomic q-difference structure of Askey–Wilson type functions*, where he referenced Ramanujan's work.