

Division of Mathematical Modeling and its Mathematical Analysis

From April 1st, 2015 to March 31st, 2020

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	Tetsuro Nikuni	Dept. of Physics, Faculty of Science
	Kazuyuki Watanabe	Dept. of Physics, Faculty of Science
	Emiko Ishiwata	Dept. of Applied Math. , Faculty of Science
	Yoichi Enatsu	Dept. of Applied Math., Faculty of Science
	Atsuhide Ishida	Faculty of Technology
	Tohru Ikeguchi	Dept. of Information Technology, Faculty of Technology
	Atsushi Tachikawa	Dept. of Math., Faculty of Science and Technology
	Seiji Hiraba	Dept. of Math., Faculty of Science and Technology
	Masashi Aiki	Dept. of Math., Faculty of Science and Technology
	Motohiro Sobajima	Dept. of Math., Faculty of Science and Technology
	Kyouhei Wakasa	Dept. of Math., Faculty of Science and Technology

Aim

Collaboration of all members for
Mathematical sciences in our Univ.

Themes

1. Models in Physics:

Application of our representation for
Schrödinger eq. to Solid State Physics

2. Models in technology:

Application of theory of inverse problem
For PDE to technology

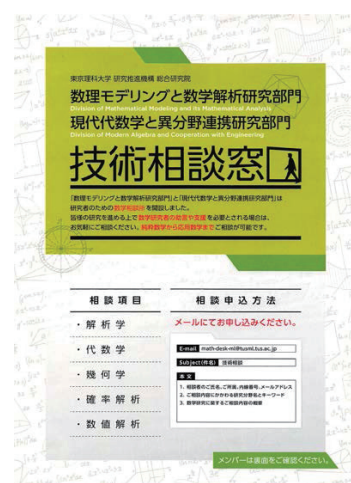
3. Models in biology:

For prediction of prevalence of
infectious disease

Collaboration to other divisions

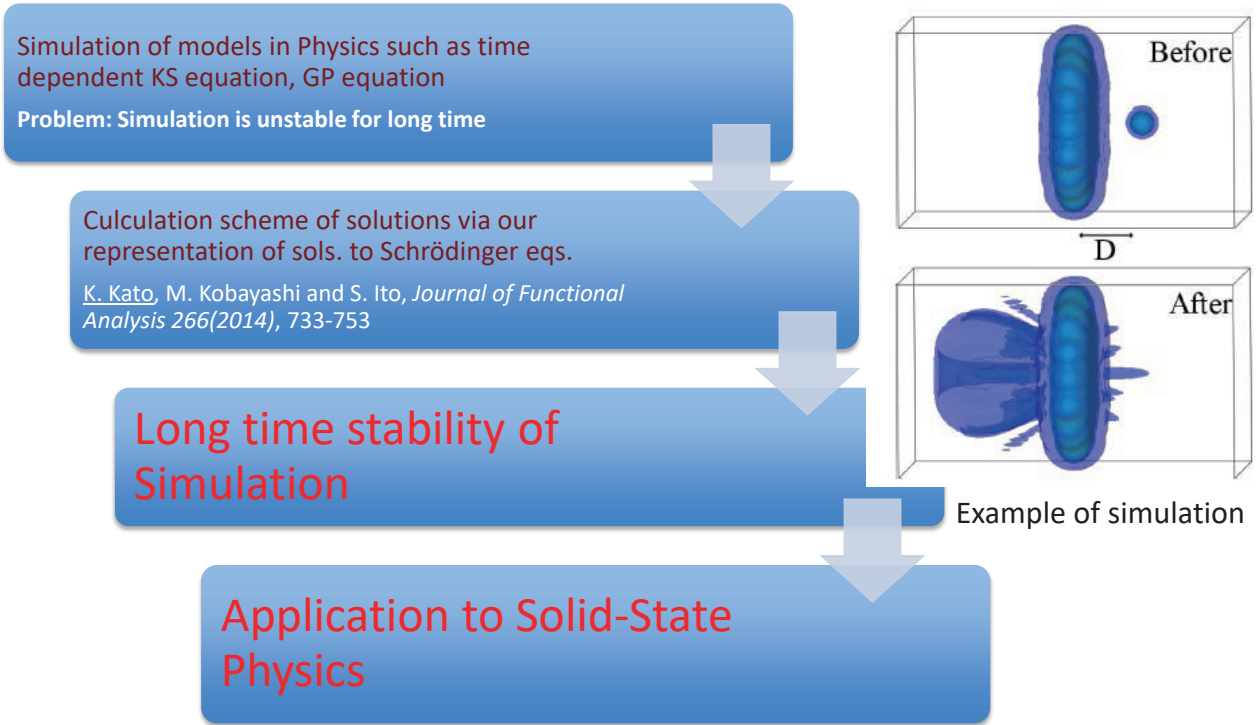
- Advise on mathematical problems with the division of Modern Algebra and Cooperation with Engineering

Mail : m-model-desk-ml@tusml.tus.ac.jp

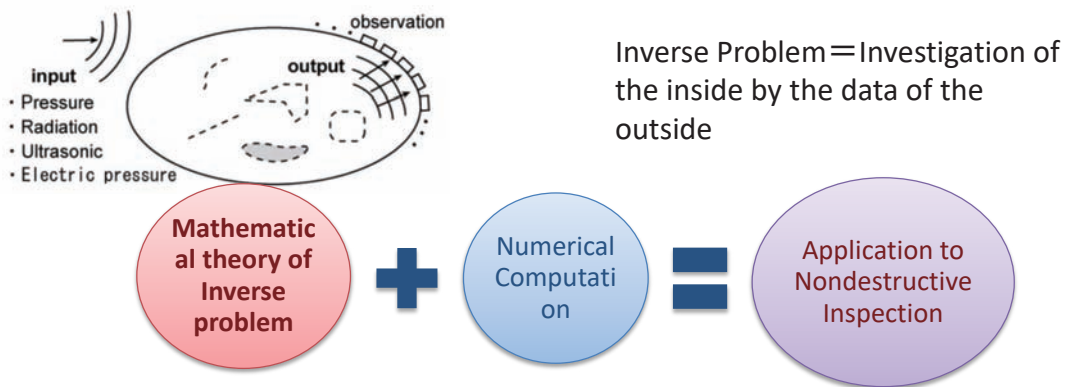


Theme1 (Model in Physics)

Application to Correlation dynamics simulation of excited electrons and atoms



Theme2: Model in Technology Application of inverse problem to other fields



Theme3: Models in Biology For prediction of prevalence of infectious disease

