The 22nd Northeastern Symposium on Mathematical Analysis
⋆ Poster Session ⋆

[1] Keisuke Abiko ( ), Hokkaido University ( )

The Phragmén–Lindelöf theorem for a fully nonlinear elliptic equation with a nonlinear dynamic boundary condition

[2] Satoru Aimi ( ), Tokyo Institute of Technology ( )

Level set mean curvature flow with Neumann boundary conditions

[3] Kota Horiuchi ( ), The University of Tokyo ( )

Existence and non-existence of solutions to a semilinear elliptic equation with exponential nonlinearity

[4] Tatsuya Hosono ( ), Tohoku University ( )

Blow up for solutions to higher dimensional attraction-repulsion chemotaxis system related to Alzheimer's disease

[5] David Hughes ( ), Tohoku University ( )

Large-Time Behaviour of Solutions to the Quasi-Geostrophic Equations

[6] Shodai Kubota ( ), Chiba University ( )

Temperature constrained optimal control problems for KWC type models of grain boundary motions

[7] Kentaro Nagahara ( ), Tokyo Tech High School of Science and Technology ( )

Maximization of the total population with logistic growth

[8] Kuniyasu Misu ( ), Hokkaido University ( )

A game-theoretic approach to the asymptotic behavior of solutions to an obstacle problem for the mean curvature flow equation

[9] Jun Okamoto ( ), The University of Tokyo ( )

A finer singular limit of a single-well Modica–Mortola functional and its applications to the Kobayashi–Warren–Carter energy

[10] Yuya Okamoto ( ), Tokyo Institute of Technology ( )

Stability analysis of a fourth order elliptic overdetermined problem via an integral identity

[11] Kotaro Sato ( ), Tohoku University ( )

Well-posedness of a phase-field equation with irreversibility and energy-conservation

[12] Takuya Sato (   ), Tohoku University (   )

Regularity and L^2-decay of solutions to the dissipative nonlinear Schrödinger equation

[13] Takeshi Suguro (   ), Tohoku University (   )

Well-posedness for a Keller–Segel system in uniformly local Lebesgue spaces

[14] Eita Tomimatsu (   ), Tokyo Institute of Technology (   )

Some Allard type regularity theorem for one dimensional integral varifold

[15] Shuntaro Tsubouchi (   ), The University of Tokyo (   )

Regularity on solutions of equations involving one-Laplacian and p-Laplacian with an external force term

[16] Yuki Tsukamoto (   ), Tokyo Institute of Technology (   )

Convergence of the Allen-Cahn equation with transport term in a bounded domain

[17] Kensuke Yoshizawa (   ), Tohoku University (   )

The critical points of the elastic energy among curves pinned at endpoints