Bing Tan

Master student

Institute of Fundamental and Frontier Sciences
University of Electronic Science and Technology of China
Chengdu, China
✉ *bingtan72@gmail.com*
https://bingtan.me/

Research Interests

Optimization algorithms, theory, applications

Variational inequality

Image Processing

Education

2018 – 2021 **Master of Applied Mathematics**, *Institute of Fundamental and Frontier Sciences*, University of Electronic Science and Technology of China, China.
Supervisor: Prof. Songxiao Li and Prof. Xiaolong Qin

2014 – 2018 **Bachelor of Applied Mathematic**, *School of Science*, Southwest Petroleum University, China.

Publications

Journal papers

Mathematics **Bing Tan**, Zheng Zhou, Songxiao Li*. Strong convergence of modified inertial Mann algorithms for nonexpansive mappings. *Mathematics* 2020, 8(4), 462.

JAAC **Bing Tan**, Zheng Zhou, Xiaolong Qin*. Accelerated projection-based forward-backward splitting algorithms for monotone inclusion problems. *J. Appl. Anal. Comput.* 2020, in press.

JAAC Zheng Zhou*, **Bing Tan**, Songxiao Li. An inertial shrinking projection algorithm for split common fixed point problems. *J. Appl. Anal. Comput.* 2020, in press.

Mathematics **Bing Tan**, Shanshan Xu, Songxiao Li*. Modified inertial hybrid and shrinking projection algorithms for solving fixed point problems. *Mathematics* 2020, 8(2), 236.

Mathematics Yinglin Luo, Meijuan Shang*, **Bing Tan**. A general inertial viscosity type method for nonexpansive mappings and its applications in signal processing. *Mathematics* 2020, 8(2), 288.

JNCA **Bing Tan**, Shanshan Xu, Songxiao Li*. Inertial shrinking projection algorithms for solving hierarchical variational inequality problems. *J. Nonlinear Convex Anal.* 2020, in press.

JNCA Liya Liu, **Bing Tan**, Sun Young Cho*. On the resolution of variational inequality problems with a double-hierarchical structure. Submitted to *J. Nonlinear Convex Anal.* 2020, 21(2): 377–386.

Preprints

NFAO Jingjing Fan, Xiaolong Qin*, **Bing Tan**. Convergence of an inertial shadow Douglas-Rachford splitting for monotone inclusions. Submitted to *Numerical Functional Analysis and Optimization*.

Awards

2019 First-class scholarship of University of Electronic Science and Technology of China.

2018 Second-class scholarship of University of Electronic Science and Technology of China.

Computer skills

MATLAB, LaTeX, Microsoft Office.

Updated by May 18, 2020