



•Field Optimization, Mathematics for Data Analysis
•Name Lee, Jae Hwa
•Title Professor
•Office 7-508
•Tel 033-248-2039
•email jaehwa.lee@hallym.ac.kr

Education background

2003-2009 University of Chinese Academy of Sciences (Doctor of Natural Science – Computational Mathematics)

1995-2002 Hallym University (Bachelor of Science – Mathematics)

Major careers

2016. 09 – 2023. 08 Researcher, Sungkyunkwan University

2010. 03 – 2012. 08 Postdoctoral Researcher, Sungkyunkwan University

Publications

- Jae Hwa Lee, Yoon Mo Jung, Sangwoon Yun*, A limited-memory trust-region method for nonlinear optimization with many equality constraints, Computational and Applied Mathematics, Vol. 42, Article number: 109 (2023).
- Sang-Gu Lee*, Jae Hwa Lee, Youngju L. Nielsen, Ho Kyoung Ko, Case Study of an Online Course on Introductory Mathematics for Artificial Intelligence, The Electronic Journal of Mathematics & Technology (eJMT), Vol. 16, No. 2, Jun 2022, 92-109. ISSN 1933-2823
- Jae Hwa Lee, Yoon Mo Jung, Ya-Xiang Yuan, Sangwoon Yun*, A Subspace SQP Method for Equality Constrained Optimization, Computational Optimization and Applications, September 2019, Volume 74, Issue 1, pp 177–194.
- Natanael Karjanto, Sang-Gu Lee*, Jae Hwa Lee, Flipped Class with Electronic Book and SageMathCell for Linear Algebra, The Electronic Journal of Mathematics & Technology (eJMT), Vol. 13, No. 1, Feb 2019. 109-120. ISSN 1933-2823
- Yoon Mo Jung, Jae Hwa Lee* and Sangwoon Yun, A Stochastic Variance Reduction Method for PCA by an Exact Penalty Approach, Bull. Korean Math. Soc. 55 (2018), No. 4, pp. 1303-1315.

• Victoria Lang, Sang-Gu Lee*, Jae Hwa Lee, Zombie Population Modeling, The Electronic Journal of Mathematics & Technology (eJMT), Vol. 10, No. 2, June 2016. 111-121. ISSN 1933-2823