HANUL JEON

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NATIONALITY

Republic of Korea

EDUCATION

Cornell University   *August 2021 -*
Doctoral Student
Department of Mathematics

Seoul National University   *March 2017 - February 2021*
Masters' of Science   Advisor : Otto van Koert
Department of Mathematical Science
Thesis: *Constructive Ackermann's interpretation*

Sunkyunkwan University   *March 2013 - February 2017*
Bachelor of Science   GPA: 4.35/4.5 (Major GPA: 4.44/4.5)
Department of Mathematics

EXPERIENCES

Republic of Korea Air Force   *August 2017 - July 2019*
Compulsory military service.

PUBLICATIONS

Constructive Ackermann's interpretation. arXiv preprint. arXiv:2010.04270.

Comparison between the Wiener index and the Zagreb indices and the eccentric connectivity index for trees with Kinkar Ch. Das and N. Trinajstić. *Discrete Applied Mathematics* 171, 2014. p35-41.

TEACHING EXPERIENCES

Sublime Learning Community Tutoring.   *Spring, Summer, Fall 2020*
Tutor. Mathematics and its practice (Spring 2020) and Mathematics for biological scientists (Summer 2020, Fall 2020).

Mathematics for ecologists.   *Fall 2020*
Grader.

Advanced Mathematics and its practice II.   *Fall 2020*
Teaching Assistant and Grader. I managed students' presentation.

Logic and Set theory.   *Spring 2020*
Teaching Assistant and Grader. Evaluating assignments and exams, answering students' questions.

Mathematics and its practice II.   *Fall 2019, Summer 2020, Winter 2020*
Teaching Assistant and Grader. I managed the exercise course whose content is equivalent to the Multivariable Calculus course.

Mathematics and its practice I. *Spring 2017, Spring 2020*

Teaching Assistant and Grader. I managed the exercise course whose content is equivalent to the usual Calculus course.

Sunkyun Tutoring for Advanced Algebra *Spring 2016*

Sunkyun Tutoring is tutoring held by my undergraduate university. Students who get at least A grade of a course are eligible to be a tutor of this course. I had taught Chapters 4 and 5 (module theory and field theory) of Hungerford's *Algebra* during the tutoring.

GRANTS AND FELLOWSHIPS

The National Scholarship for Science and Engineering *March 2013 - December 2016*

TALKS

Goodstein's theorem Seoul National University (October 2016). Madmatics.

What is forcing? Seoul National University (November 2015). Madmatics.

A Short introduction to mathematical logic Sogang University (January 2014). Madmatics.[1]

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[1] also called *Stupid Mathematics seminar*. Its Korean name is *Meongcheong-han seminar*. ('Meongcheong-han' literally means 'stupid, foolish'.) Madmatics is an inter-university seminar for mathematics.