Hyuk Jun Kweon

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EDUCATION	**Massachusetts Institute of Technology**, Cambridge, MA	
	Enrolled in Mathematics Ph.D. program	Sep. 2012 - Aug. 2014 Sep. 2018 - Jun. 2021 (Expected)
	Advisor: Bjorn Poonen Leave of absence is due to compulsory military service	
	Pohang University of Science and Technology, Pohang, South Korea	
	B.S. in Mathematics B.S. in Computer Science and Engineering	Mar. 2008 - Feb. 2012

- Double Major
- Summa Cum Laude

EXPERIENCE	**Technical Research Personnel** National Institute for Mathematical Sciences, South Korea	Mar. 2015 - Apr. 2018

- Alternative military service
- Managing SageMath notebook server — Mar. 2015 - Dec. 2015
- Encouraging people to engage in mathematical activities — Jan. 2016 - Apr. 2018

PUBLICATION	Bounds on the Torsion Subgroup Schemes of Néron-Severi Group Schemes, Submitted
	Bounds on the Torsion Subgroups of Néron-Severi Groups, *Trans. Amer. Math. Soc.* *374 (2021), pp. 351-365.*
	Overlap of convex polytopes under rigid motion (with Hee-Kap Ahn; Siu-Wing Cheng and Juyoung Yon); *Computational Geometry* 47, no. 1 (2014): 15-24

TEACHING	**Calculus of Several Variables (18.022)** Recitation Leader, Massachusetts Institute of Technology	Oct. 2019 - Dec. 2019
	Differential Equations (MATH200) Recitation Leader, Pohang University of Science and Technology	Mar. 2012 - Jun. 2012
	Complex Variables (MATH310) Recitation Leader, Pohang University of Science and Technology	Mar. 2011 - Jun. 2011

RESEARCH TALKS	**Bounds on the Torsion Subgroups of Néron-Severi Groups** AMS Special Session, Spring Eastern Sectional Meeting, Brown University (Virtual)	Mar. 2021
	~~Bounds on the Torsion Subgroups of Néron-Severi Groups~~ ~~AMS Special Session, Spring Eastern Sectional Meeting, Tufts University~~ (Canceled due to COVID-19)	Mar. 2020
	Bounds on the Torsion Subgroups of Néron-Severi Groups Korea Institute for Advanced Study	Jan. 2020

EXPOSITORY TALKS	**Alterations** STAGE, Massachusetts Institute of Technology	Nov. 2020

Formal Groups as Functors   Sep. 2019
STAGE, Massachusetts Institute of Technology

Division by 2 on Hyperelliptic Curves   Dec. 2018
Preprint Seminar, Massachusetts Institute of Technology

Review of Étale Cohomology   Sep. 2018
STAGE, Massachusetts Institute of Technology

On the Fary-Milnor theorem, following the existing literatures   Nov. 2010
SCV Seminar, Pohang University of Science and Technology

ACADEMIC SERVICE	Co-organizer of STAGE (Seminar on Topics in Arithmetic, Geometry, Etc.), MIT	Fall 2020

AWARDS AND HONORS	Scholarship for Doctoral Study, Samsung Foundation	Sep. 2012 - Current
	Scholarship, STX Foundation	Mar. 2011 - Feb. 2012
	Governmental Scholarship, Korea Student Aid Foundation	Mar. 2008 - Feb. 2011
	6th Place, ACM-ICPC Asia Daejeon Regional Programming Contest	Nov. 2010
	4th Place, ACM-ICPC Asia Seoul Regional Programming Contest	Nov. 2009
	5th Place, ACM-ICPC Asia Seoul Regional Programming Contest	Nov. 2008