Hyuk Jun Kweon

CONTACT INFORMATION	Simons Building (Building 2), Room 2-239A 77 Massachusetts Avenue, Cambridge, MA 02139, USA	+1-857-999-1251 kweon@mit.edu		
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 Double Major Summa Cum Laude 	Mar. 2008 - Feb. 2012		
Experience	Technical Research Personnel National Institute for Mathematical Sciences, South Korea • Alternative military service	Mar. 2015 - Apr. 2018		
	Managing SageMath notebook serverEncouraging people to engage in mathematical activities	Mar. 2015 - Dec. 2015 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, <i>Trans. Amer. Math. Soc.</i> 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) Mar. 2012 - Jun. 2012 Recitation Leader, Pohang University of Science and Technology			
	Complex Variables (MATH310) Recitation Leader, Pohang University of Science and Technolo	Mar. 2011 - Jun. 2011 gy		
RESEARCH TALKS	Bounds on the Torsion Subgroups of Néron-Severi Gro Ohio State Number Theory Seminar, Ohio State University	oups Mar. 2021		
	Bounds on the Torsion Subgroups of Néron-Severi Gre AMS Special Session, Spring Eastern Sectional Meeting, Brow	_		
	Bounds on the Torsion Subgroups of Néron-Severi Gre Binghamton Arithmetic Seminar, Binghamton University	oups Mar. 2021		
	Bounds on the Torsion Subgroups of Néron-Severi Greams Special Session, Spring Eastern Sectional Meeting, Tufts (Canceled due to COVID-19)	-		
	Bounds on the Torsion Subgroups of Néron-Severi Gre Korea Institute for Advanced Study	oups Jan. 2020		

Expository Talks	Alterations STAGE, Massachusetts Institute of Technology	Nov. 2020
	Formal Groups as Functors STAGE, Massachusetts Institute of Technology	Sep. 2019
	Division by 2 on Hyperelliptic Curves Preprint Seminar, Massachusetts Institute of Technology	Dec. 2018
	Review of Étale Cohomology STAGE, Massachusetts Institute of Technology	Sep. 2018
	On the Fary-Milnor theorem, following the existing literatures SCV Seminar, Pohang University of Science and Technology	Nov. 2010
Academic Service	Co-organizer of STAGE (Seminar on Topics in Arithmetic, Geometry, Etc.), MIT	Fall 2020
Awards and Honors	Scholarship, STX Foundation Mar. 2011	12 - Current 1 - Feb. 2012 3 - Feb. 2011 Nov. 2010 Nov. 2009 Nov. 2008