
CONTACT INFORMATION	Korteweg-de Vries Institute of Mathematics University of Amsterdam 105-107 Science Park Amsterdam 1098XG	Homepage: https://noaholander.github.io/ ✉ E-mail: n.b.olander@uva.nl
EMPLOYMENT	University of Amsterdam	September 2022–September 2024
	<ul style="list-style-type: none"> • Postdoctoral researcher • Supervisor: Lenny Taelman 	
	Hausdorff Research Institute for Mathematics	September 2023–December 2023
	<ul style="list-style-type: none"> • Visiting fellow • Participant in the Junior Trimester Program on Algebraic geometry: derived categories, Hodge theory, and Chow groups 	
EDUCATION	Columbia University	September 2017–May 2022
	<ul style="list-style-type: none"> • PhD in Mathematics • Advisor: Aise Johan de Jong 	
	UCLA	September 2013–June 2017
	<ul style="list-style-type: none"> • BS and MA in Mathematics, GPA: 3.97 • Summa Cum Laude, Departmental Honors, Departmental Scholar 	
AWARDS	<i>Daus Prize</i> from the UCLA Mathematics Department	2017
PAPERS	<ol style="list-style-type: none"> 1. <i>On weakly étale morphisms</i>. Journal of Pure and Applied Algebra (2023, with Aise Johan de Jong). 2. <i>Ample line bundles and generation time</i>. Journal für die reine und angewandte Mathematik (2023). 3. <i>The Diagonal Dimension of Curves</i>. International Mathematics Research Notices (2023). 4. <i>Resolutions, bounds, and dimensions for derived categories of varieties</i> (PhD Thesis, 2022). 5. <i>Fully Faithful Functors and Dimension</i>. arXiv:2110.09256 (2021). 6. <i>The Rouquier Dimension of Quasi-Affine Schemes</i>. arXiv:2108.12005 (2021). 7. <i>Orlov's Theorem in the Smooth Proper Case</i>. arXiv:2006.15173 (2020). 	
OTHER WRITING	<ol style="list-style-type: none"> 1. <i>Theorem of the Base</i> (with Raymond Cheng, Lena Ji, and Matt Larson). Chapter of the book Stacks Project Expository Collection, London Mathematical Society Lecture Note Series (2022). 2. <i>Detecting Boundedness</i>. A section of the Stacks Project. Modified version available at https://stacks.math.columbia.edu/tag/0GEI (2021). 	
INVITED TALKS	<ul style="list-style-type: none"> • University of Bonn Seminar Algebraic Geometry • Junior Belgian–Dutch Algebraic Geometry Seminar • Korteweg-de Vries General Mathematics Colloquium • University of Angers Topology and Algebraic Geometry Seminar • Dutch intercity geometry seminar on condensed mathematics • University of Amsterdam Algebraic Geometry Seminar • University of Michigan Algebraic Geometry Seminar • Northwestern Algebraic Geometry Seminar • Stanford Algebraic Geometry Seminar • American Graduate Student Algebraic Geometry Seminar 	<ul style="list-style-type: none"> September 2023 June 2023 June 2023 February 2023 October 2022 September 2022 January 2022 January 2022 December 2021 October 2020

ADVISING	At the University of Amsterdam:	
	<ul style="list-style-type: none"> • Advised the bachelor thesis of Michiel Plompwinkler on the degree–genus formula for plane curves. 	Spring 2023
TEACHING	For Mastermath (the joint masters program of the Dutch mathematics departments):	
	<ul style="list-style-type: none"> • Algebraic Geometry 2 	Spring 2024
	At Amsterdam University College:	
	<ul style="list-style-type: none"> • Calculus 1 	Fall 2022
	At Columbia University:	
	<ul style="list-style-type: none"> • Calculus 1 	Summer 2020
	At Columbia University, as a TA:	
	<ul style="list-style-type: none"> • Commutative Algebra 	Fall 2021
	<ul style="list-style-type: none"> • Linear Algebra 	Spring 2021
	<ul style="list-style-type: none"> • Linear Algebra 	Fall 2020
	<ul style="list-style-type: none"> • Intro to Modern Algebra 1 	Spring 2020
	<ul style="list-style-type: none"> • Calculus 2 	Fall 2019
	<ul style="list-style-type: none"> • Calculus 2 	Summer 2019
	<ul style="list-style-type: none"> • Intro to Modern Algebra 2 	Spring 2019
	<ul style="list-style-type: none"> • Linear Algebra 	Fall 2018
	At the LA Math Circle, as a Lead Instructor:	
	<ul style="list-style-type: none"> • High School 1 	Fall 2016–Spring 2017
	<ul style="list-style-type: none"> • Junior Group 	Summer 2016
	<ul style="list-style-type: none"> • Advanced Group 	Fall 2015–Spring 2016
	At the LA Math Circle, as an Assistant Instructor	
	<ul style="list-style-type: none"> • Intermediate 1 Group 	Fall 2014–Spring 2015