



ANH MARTINA NEUMAN

Website: <https://marsvoyage.github.io/Frontpage/>

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CITIZENSHIP & LOCATION	<i>I'm a USA citizen who temporarily visits Osaka, Japan. I feel that this information should be shared during this special period.</i>
OBJECTIVE	<i>I'm a harmonic analyst by training. I'm interested in multiple principles but primarily in harmonic analysis, mathematical data science and additive combinatorics. I'm looking for a PostDoc position that allows me to continue to research in the said directions.</i>
EDUCATION	University of California, Berkeley , Berkeley, CA 94720, USA <i>Doctor of Philosophy, Mathematics</i> May 2018 University of California, UCLA , UCLA, CA 90095, USA <i>Master of Arts, Mathematics</i> <i>Bachelor of Science, Mathematics</i>
SKILLS	Language: Python Computing: Matlab Web design: HTML, CSS
KNOWLEDGE ACQUIRED	Harmonic analysis, <i>through PhD training and research</i> Additive combinatorics, <i>through PhD training and self-teaching</i> Math data science, <i>through PostDoc training and self-teaching</i> Statistics, <i>through teaching</i> PDE, C^* -algebra, <i>through grad education</i> Differential topology, Algebra, Linear algebra, <i>through undergrad education</i> Complex analysis, Discrete mathematics, <i>through teaching and undergrad education</i>
PAPERS	<ul style="list-style-type: none">• Functions of nearly maximal Gowers-Host-Kra norms on Euclidean spaces• Sparse bounds on variational norms along monomial curves• Anti-uniformity norms, anti-uniformity functions and their algebras on Euclidean spaces
TEACHING EXPERIENCE	Calculus, <i>as a teaching assistant</i> , at UC Berkeley Discrete mathematics, <i>as a teaching assistant</i> , at UC Berkeley Complex analysis, <i>as an instructor</i> , at UC Berkeley Statistics, <i>as a teaching assistant</i> , at NYU Shanghai Linear algebra, <i>as a teaching assistant</i> , at NYU Shanghai
EMPLOYMENT & POSITIONS	Postdoc Fellow, NYU Shanghai Visiting Student Researcher, Caltech Dissertation Fellow, UC Berkeley Mentorship Research Fellow, UC Berkeley Graduate Student Researcher/Instructor, UC Berkeley Summer Instructor, UC Berkeley
AWARDS & HONORS	Dissertation Fellowship Award , UC Berkeley Mentorship Research Award , UC Berkeley Teaching Excellence Award , UC Berkeley UCLA Math Daus Award , UCLA Magna Cum Laude Honor , UCLA

SELECTED TALKS GIVEN	<p><i>Gowers-Host-Kra structures on Euclidean spaces</i>, Georgia Tech Analysis Seminar, Georgia Tech, 2018</p> <p><i>Decouplings for surfaces in \mathbb{R}^4</i>, Hausdorff Summer School for Mathematics, Kopp, 2017</p> <p><i>Universally L^1 bad sequences</i> Hades Seminar, UC Berkeley, 2016</p> <p><i>A Calderón-Zygmund decomposition for multiple frequencies and an application to an extension of a lemma of Bourgain</i>; HADES Seminar, UC Berkeley, 2014</p>
SELECTED CONFERENCES & WORKSHOPS & SEMINARS	<p>Networks seminars, NYU Shanghai, 2018-2019</p> <p>Tripods Summer School - Fundamentals of Data Analysis, IFDS Wisconsin, 2018</p> <p>IMI Symposium on Additive Combinatorics, University of South Carolina, 2017</p> <p>PCMI Summer Session in Harmonic Analysis, Park City, Utah, 2018</p> <p>AIM Workshop on Sparse Domination and Singular Integral Operators, AIM, San Jose, 2017</p> <p>Decoupling and Polynomial Methods in Analysis Summer School, Hausdorff Center for Mathematics, Kopp, 2017</p> <p>Conference in Harmonic Analysis and Its Interaction: in Honor of Anthony Carbery, ICMS, Edinburgh, Scotland, 2017</p> <p>Chicago Analysis Summer School, University of Chicago, 2017</p> <p>Conference on Dynamical Systems: Smooth, Symbolic and Measurable, MRC Snowbird Resort, Utah, 2017</p> <p>Calculus of Variations and Nonlinear PDE Mini-schools, UC Berkeley, 2017</p> <p>Recent Developments in Harmonic Analysis Workshop, MSRI, Berkeley, 2017</p> <p>Global Research Symposium in Geometry, Analysis and Probability, KIAS, South Korea, 2017</p> <p>Joint Analytic Number Theory and Harmonic Analysis Program, MSRI, Berkeley, 2017</p> <p>Harmonic Analysis and Geometry of Fractal Sets, Ohio State University, 2017</p> <p>Conference in Harmonic Analysis in Honor of Michael Christ, University of Wisconsin, 2016</p>
OTHER ACTIVITIES	<p>Geometry of Redistricting Workshop - Educator Training Track, University of San Francisco, 2018</p> <p>UCLA Applied Math REU Program, UCLA, 2010</p>