# Taro Shima

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### **Research Interests**

Translation surfaces and similarity surfaces, Teichmuller theory, dynamical systems

### **Education**

CUNY, The City College of New York	Ph.D. in Mathematics	[2022 - ]
CUNY, The City College of New York	M.Sc. in Mathematics	[2019 - 2022]
Brown University	B.Sc. in Mathematics	[2015 - 2019]

### **Talks**

CCNY Lightning Talks	Introduction to Category Theory	[Spring 2020]
SUMS Conference	Rotor Routing on Closed Surfaces	[Spring 2016]

# Teaching

## Bridge to Enter Advanced Mathematics

Junior Faculty	Fractions; Visual Reasoning	[Summer 2022]
Junior Faculty	Shapes & Symmetry; Introduction to Python	[Summer 2021]
Junior Faculty	Shapes & Symmetry; Introduction to Python	[Summer 2020]
Counselor/TA	Counting; Ratios & Rates	[Summer 2019]
Counselor/TA	Cryptarithms; Big Question, Big Answers	[Summer 2018]

### **Brown University**

Assistant Instructor	Calculus I	[Autumn 2017]
Teaching Assistant	Topology	[Spring 2017]
Grader	Linear Algebra	[Autumn 2016]
Math Resource Center Tutor	Calculus I, II, II	[2016 - 2019]

### Service

## Brown University SUMS Conference, *Co-organizer*

Math and leaching	[Summer	2019]
Math and Social Responsibility	[Summer	2018]
Math and Serendipity	[Summer	2017]