

Math Survey

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A special thanks to Justin Wangying Lam for this edition's cover design.

A Message from Our Editor in Chief

Alice Zhu

The arrival of a new decade signifies not only new, profound struggles, but also new beginnings and opportunities. Consequently, it seems appropriate to preface this first edition of Math Survey with a brief explanation of our history. Math Survey has been Stuyvesant's mathematics research magazine for more than 65 years, but it has fallen out of public sight for some time. That is why my publication team and I are excited to announce the return of Math Survey with the coming of this edition.

Needless to say, our mission remains the same: to keep students informed with recent developments in mathematics. As Editor-in-Chief, I have welcomed articles of that nature as well as original research papers written in that field, especially those that have analyzed real world concerns and have taken unique approaches to a myriad of questions. Furthermore, we have increased our scope to include articles written by students invested in the field of computer science.

Our team strongly believes that knowledge should be a two way conversation, one that informs, listens to, and, perhaps, inspires the reader. To that effect, I highly encourage any readers interested in performing similar work to reach out to us. With that, I invite you to take a look through our magazine and be enthralled by the beauty of mathematics, as many of us have been.

I would also like to thank out faculty advisor, Mr. Rubinstein, for his advice and dedication to Math Survey. Finally, I would like to thank all the editors and writers who poured their hearts into this project and spent countless hours working on the magazine. I am extremely grateful for the dedication and enthusiasm everyone has shown, and our progress is quite unbelievable.