

From the Editor: With Gratitude to Jane Street

Mathematics grows through curiosity, persistence, and the exchange of ideas. For young mathematicians, the opportunity to explore a question deeply and share their findings can be a formative experience. With this new issue of *Intelligence Planet Journal of Mathematics and Its Applications*, I would like to express our sincere gratitude to Jane Street for its generous sponsorship and support of our Journal's host, Zoom Education Foundation and Resources, also known as Areteem Foundation, for our educational mission.

Our journal gives pre-college students a place to explore mathematics and its applications, present their research, and gain experience in formal mathematical writing. We want students to discover both the excitement of developing an idea and the discipline required to communicate it clearly. Whether an article presents an original result, offers a fresh explanation of an established topic, or investigates an application, its preparation asks the author to think carefully and write precisely.

The journey from an intriguing question to a finished paper is rarely straightforward. It may involve testing examples, reconsidering assumptions, finding gaps in an argument, and revising a proof. Learning to respond thoughtfully to feedback is part of that journey. These experiences help students develop intellectual independence, patience, and respect for evidence—habits that will serve them wherever their interests lead.

Jane Street's generosity helps sustain this mission. We are grateful for support that recognizes the value of giving young people opportunities to pursue challenging ideas and participate in a mathematical community. Such encouragement matters at a stage when students are discovering their interests and beginning to see what they can contribute.

I also thank our authors for sharing their work, our reviewers and editors for their careful attention, and the teachers, mentors, and families who encourage these students. A journal is a collective undertaking, and its value rests on the care that each participant brings to it.

To our student readers and contributors: keep asking questions, testing your reasoning, and seeking clear explanations. We hope this issue inspires you to pursue a new problem or return to a familiar one with a different perspective.

On behalf of the editorial team, thank you, Jane Street, for your generous sponsorship and for helping us encourage the next generation of mathematical thinkers.

The Editor, Intelligence Planet Journal of Mathematics and Its Applications



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