

## Editorial

Dear Readers,

welcome to this issue of *Parabola*! I hope that you are healthy and well, here on the threshold to the third calendar year under the COVID-19 pandemic!

Among the many unexpected side effects of the pandemic is the far greater access, for far more people, to maths research and collaboration through the many maths seminars and conferences that are now being held online for free; see for instance <https://researchseminars.org>. It is uplifting and exciting to see these new public resources support the present democratisation process of mathematics, together with the many free educational maths-resources that are now available online. It is exciting and satisfying for me to see *Parabola* also support this democratisation process, through its growing audience and increasing number of contributors from all over the world, and I hope that this growth continues.

In the present issue, there are eight original articles, ten new *Parabola* problems, and ten further problems from the 59th UNSW School Mathematics Competition which was held earlier this year. The winners of that competition are also listed in this issue.

I would like to thank each of the contributors of this issue's contents: Problem Editors David Angell, Arnaud Brothier and Sin Keong Tong; Competition creator Denis Potapov, and authors Peter Brown, Xavier Gisz, Stefan Haesen, Ulfa Aulyah Idrus, Federico Menegazzo, Janelle Powell, Toyesh Prakash, Henk Tijms and Sunil Vittal.

I would also like to congratulate David Angell for the publication of his new book *Irrationality and Transcendence in Number Theory* by Chapman and Hall/CRC. I have just ordered my copy of it and am really excited to receive and read it! Without even having read it, I can strongly recommend it, having for years admired and enjoyed David's deep, elegant and creative approach to maths, as fellow *Parabola* editor and as friend and colleague.

Finally, as always, please feel free to submit your own articles and problems to *Parabola*, and I hope that you and yours are well, wherever in the world you might be!

Warm wishes for a happy 2022 for you all, and please enjoy this issue of *Parabola*!

Thomas Britz  
Editor