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## Turn! Turn! Turn!

Mark Huber

*Claremont McKenna College*

Gizem Karaali

*Pomona College*

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# Turn! Turn! Turn!

Mark Huber

*Department of Mathematical Sciences, Claremont McKenna College*

`mhuber@cmc.edu`

Gizem Karaali

*Department of Mathematics, Pomona College*

`gizem.karaali@pomona.edu`

This issue finds us looking at all things cyclic. We begin with a piece by Olympia Nicodemi on Galileo's approach to the paradox of Aristotle's Wheel and early attempts to deal with the continuum. Anders Bengtsson completes a circuit of liberal arts colleges and reports on his efforts to learn about teaching university level mathematics humanistically.

Next our cycles start making waves; in an expository piece, Nathan Lenssen and Deanna Needell show us how Fourier Analysis can be used to analyze music for chord detection. Patricia Kenschaft tells us about many things, including her years of working with elementary school teachers and children, and through many paths and approaches, she proves the point that progress in mathematics education is about equity and is indeed possible.

Janet Barber and Asamoah Nkwanta introduce us to Benjamin Baneker's work on the cyclic behaviors of the cicadas in early America. Geoffrey Dietz focuses on negative exponents, aiming to turn our attitudes around. Jeana Mastrangeli presents some tips for presentations that will keep your audience from getting dizzy.

Christopher Storm, Salvatore Petrilli, and Susan Petry promote better learning habits with The Study Challenge. Karl-Dieter Crisman reviews Steven Brams' *Game Theory and the Humanities*. Stan Raatz, Mara Landers, and Florin Diacu contribute an eclectic collection of poems. Robert Haas gives us a mathematical detective story set on the California coast. Finally Manya Raman-Sundström rounds out this issue with an invitation to consider the varied ways that mathematical beauty and explanation relate.

Time to enjoy some humanistic mathematics!