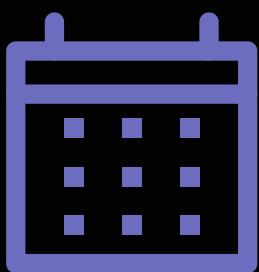
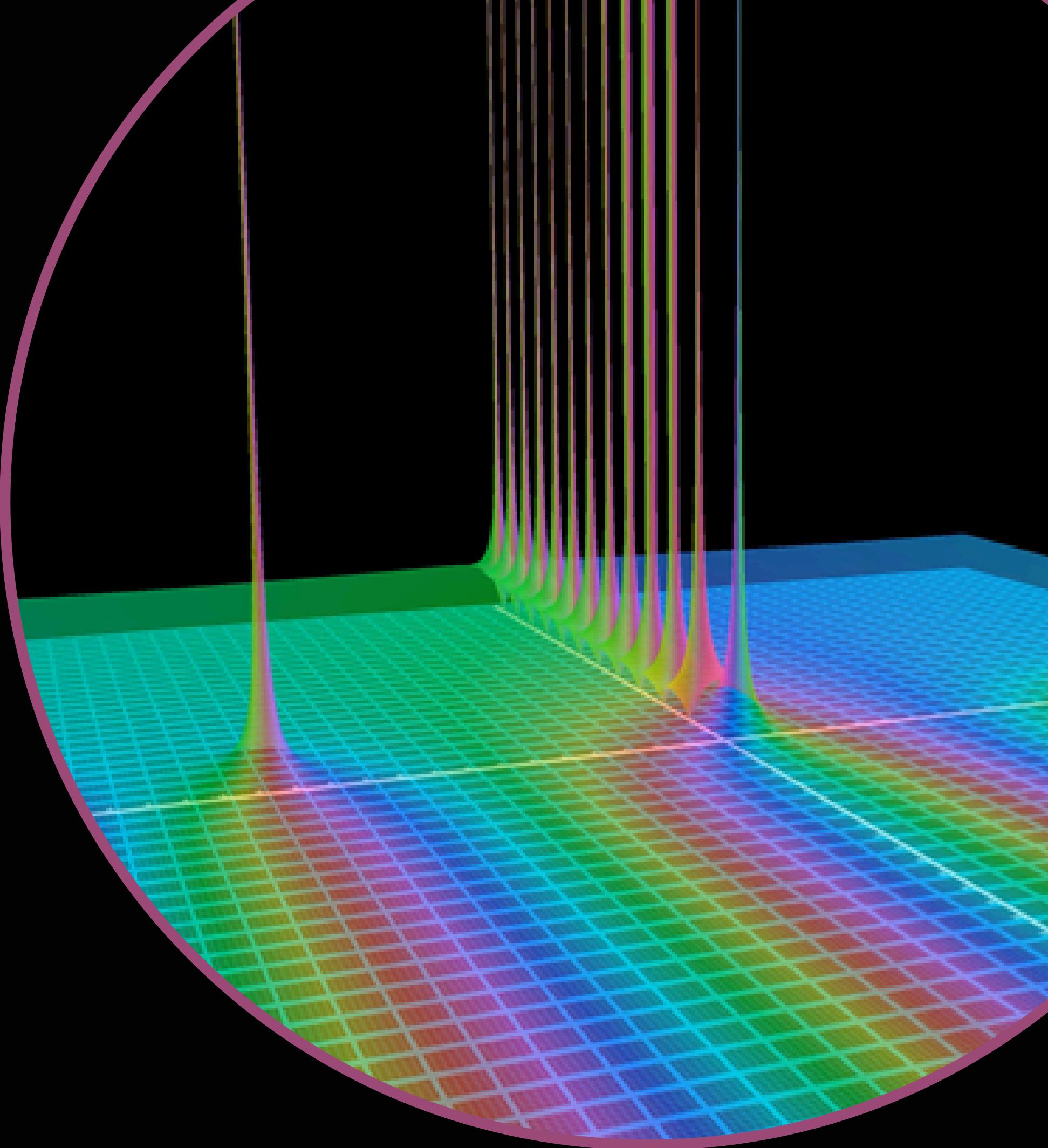


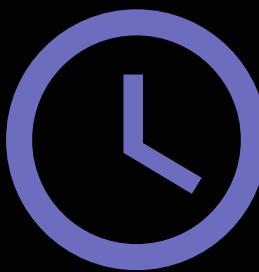
EXPLORING ZETA FUNCTION VISUALIZATIONS

ABSTRACT

We'll start from a very straightforward visual of the Riemann Zeta function as a sum, and proceed to alternate ways to interpret it so that we can make sense of it in the region of divergence. From there, we can play around with how it interplays with the sum over $\frac{1}{k} \left(\frac{1}{p^{ks}} \right)$ on those same spots, where zeta zeros look like poles.



FRIDAY, OCTOBER 10



US PACIFIC.....9AM
US EASTERN.....12PM
CENTRAL EUROPE.....6PM

GRANT SANDERSON
3Blue1Brown

Featuring "Show and Ask" Presenters

Gabriel Dorfsman-Hopkins

St. Lawrence University

Jim Propp

University of Massachusetts, Lowell

The talk will be on
Zoom. Scan this
QR code to join!



<https://illustratingmath.org/>

Illustrating Math Seminar Online
Second Friday of Every Month