



## Dynamical Roots

A journey through complex  
numbers and fractal geometry

A public lecture by

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Simple operations on the complex plane can give rise to intricate and beautiful patterns. The talk will begin by introducing the complex numbers and then discuss some simple mechanisms through which complicated behaviors can arise. This will lead us into the fascinating world of iterated function systems and more generally dynamical systems, an active area of math research.

All are welcome. Prerequisites: a bit of high-school level math.  
Zoom link: <https://utoronto.zoom.us/j/89269149298>