

Numbers That Inspire

Margaret Kepner, Independent Artist

In my work as a mathematical artist, I draw inspiration from various sources. Several of my artworks have evolved from explorations of topics from number theory. In this talk, I will explain how I begin with a mathematical concept that interests me and develop ways to express it artistically. I will discuss several of my pieces that were inspired by integer factorization, partitions, and Catalan numbers. I will also indicate future directions for my work.