1117-68-547        **Erik Demaine\*** (`edemaine@mit.edu`). *Fun with Fonts: Mathematical Typography.*

Over the past decade, my father and I have designed several typefaces based on mathematical theorems and open problems. These typefaces expose the general public in a unique way to intriguing results and hard problems in hinged dissections, geometric tours, origami design, computer-aided glass design, physical simulation, protein folding, juggling, and card shuffling. Most of our typefaces include puzzle fonts, where reading the intended message requires engaging in the mathematics itself, solving a series of puzzles which illustrate the challenge of the underlying mathematical problem.

To play with the fonts, visit http://erikdemaine.org/fonts/. (Received January 20, 2016)