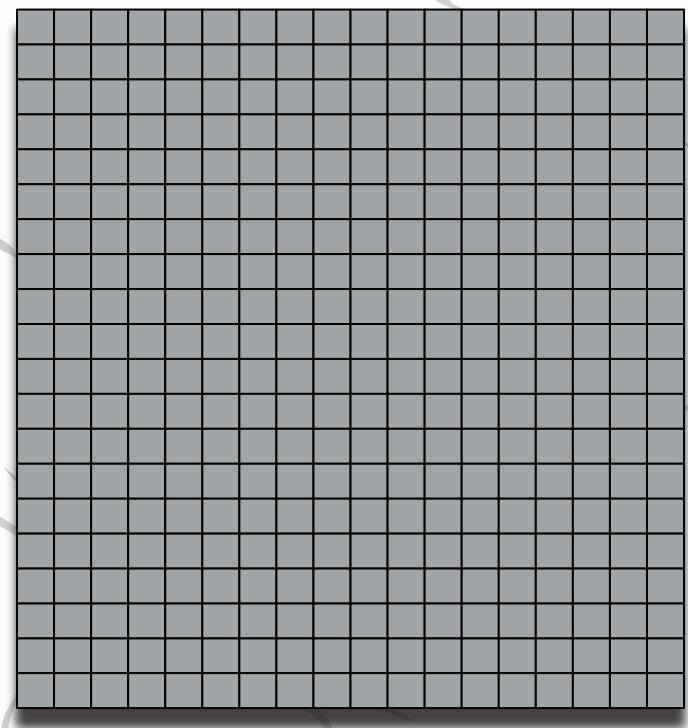
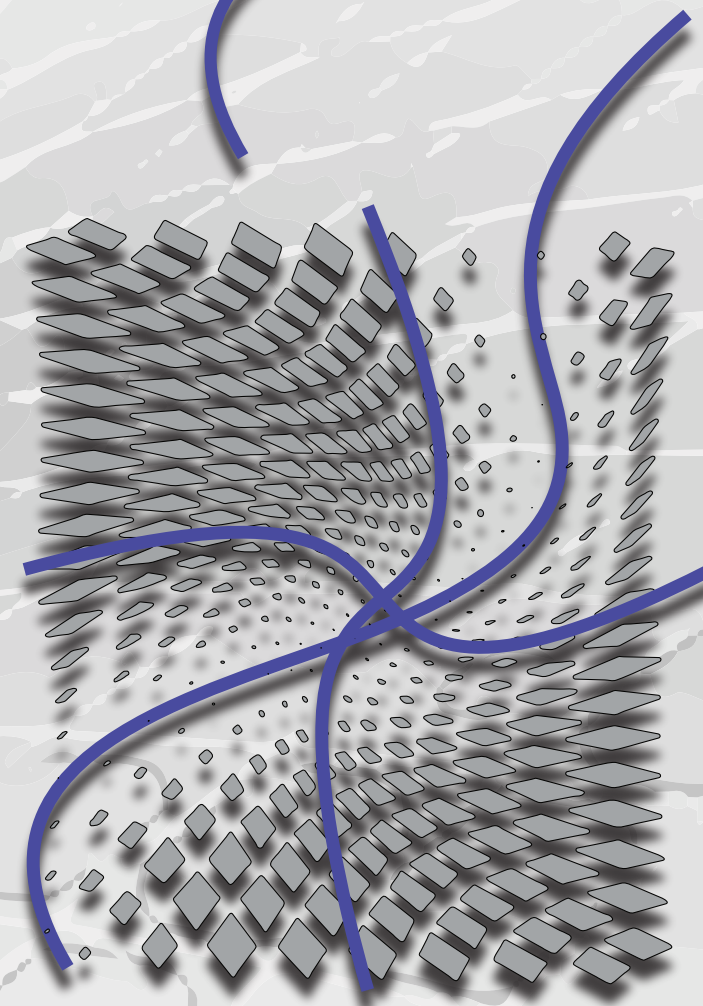
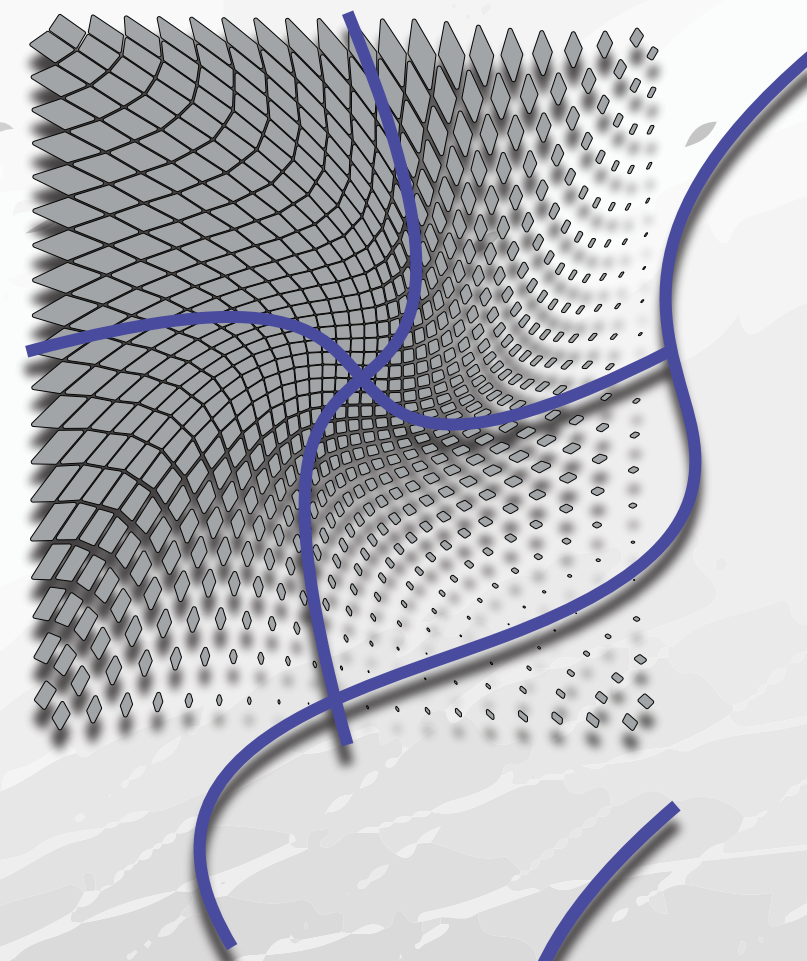
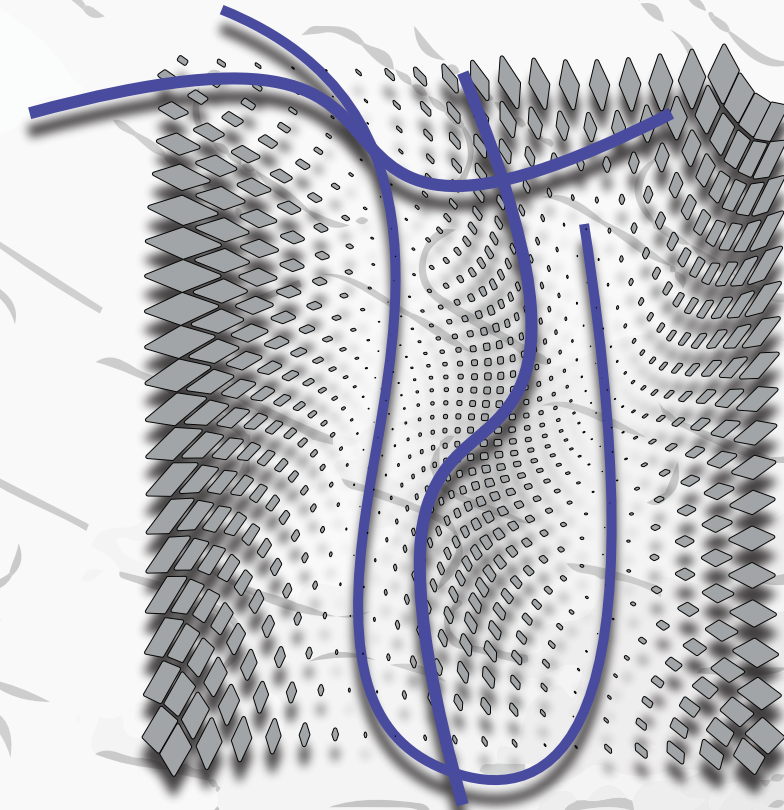


Process

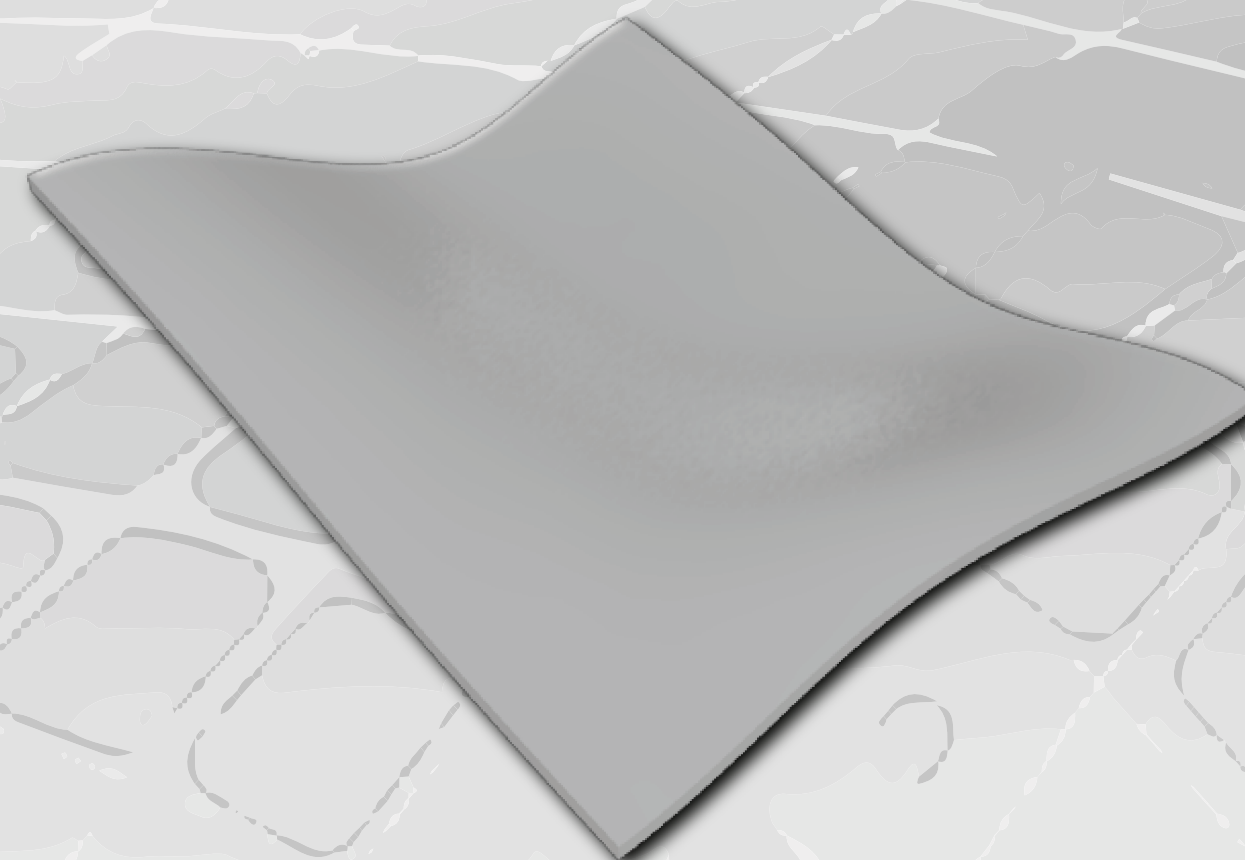
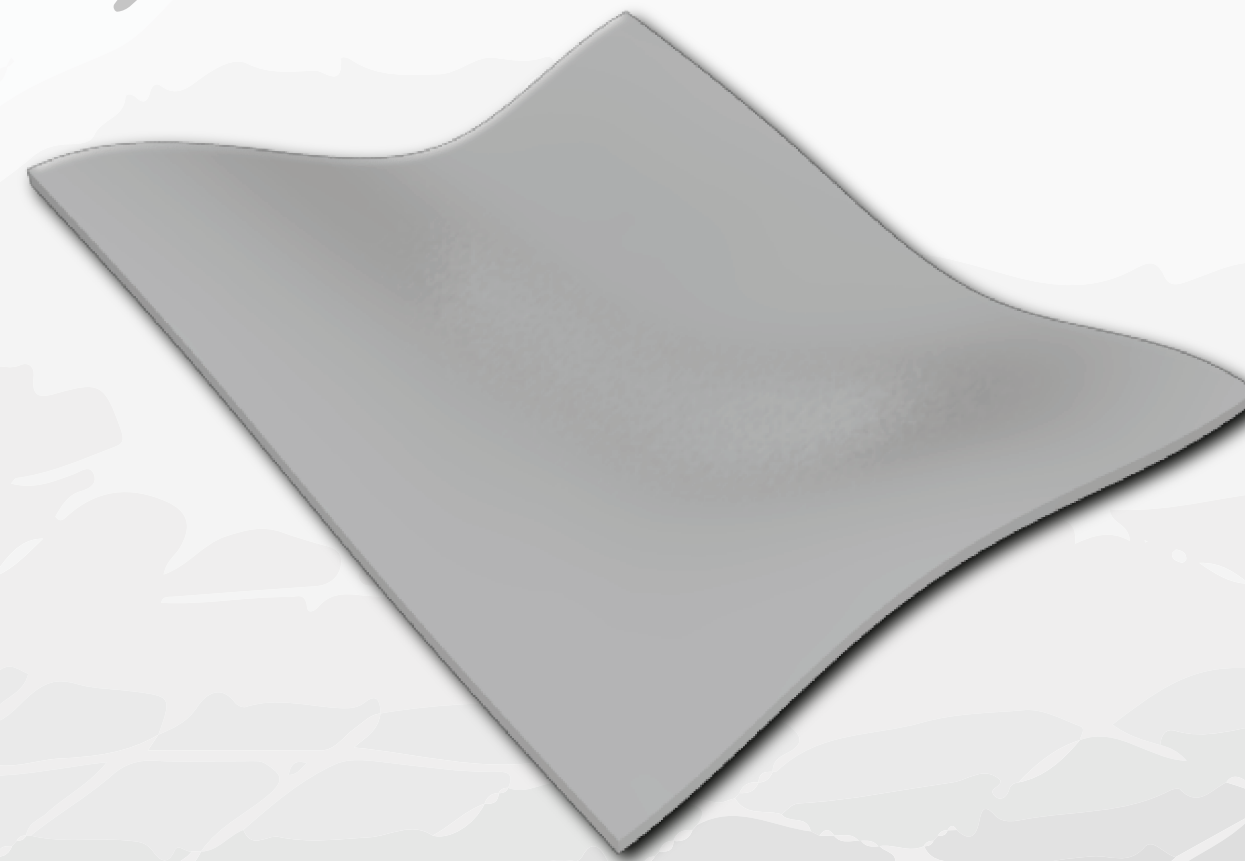
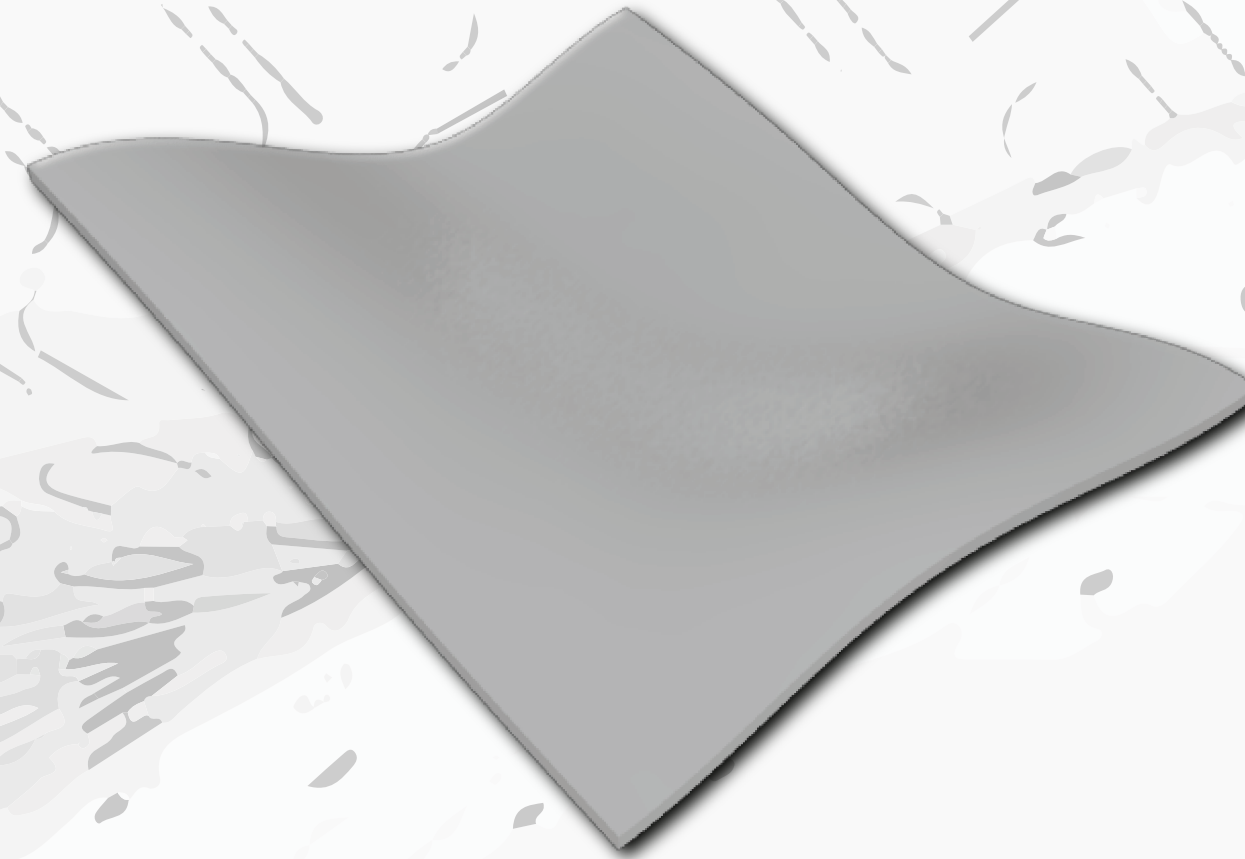
create grid of square objects



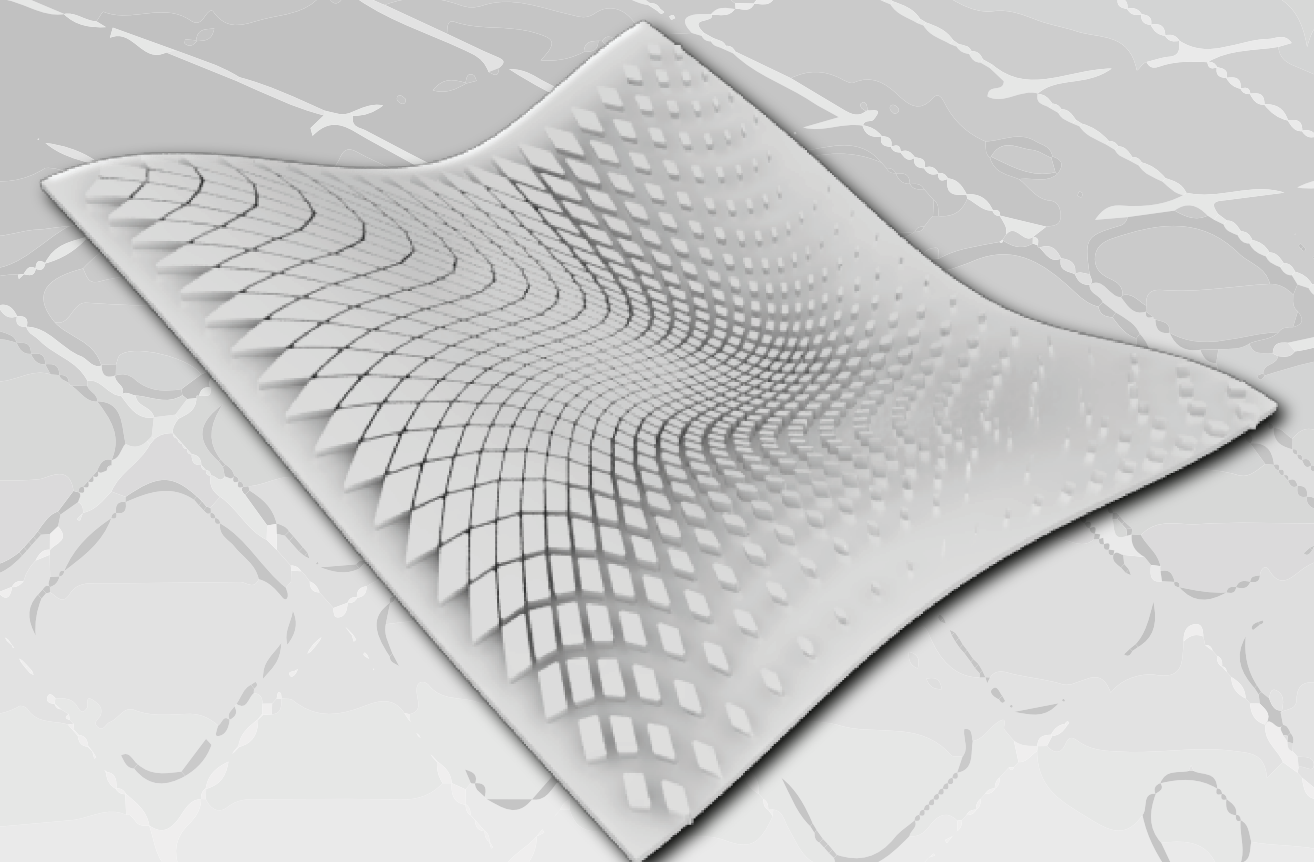
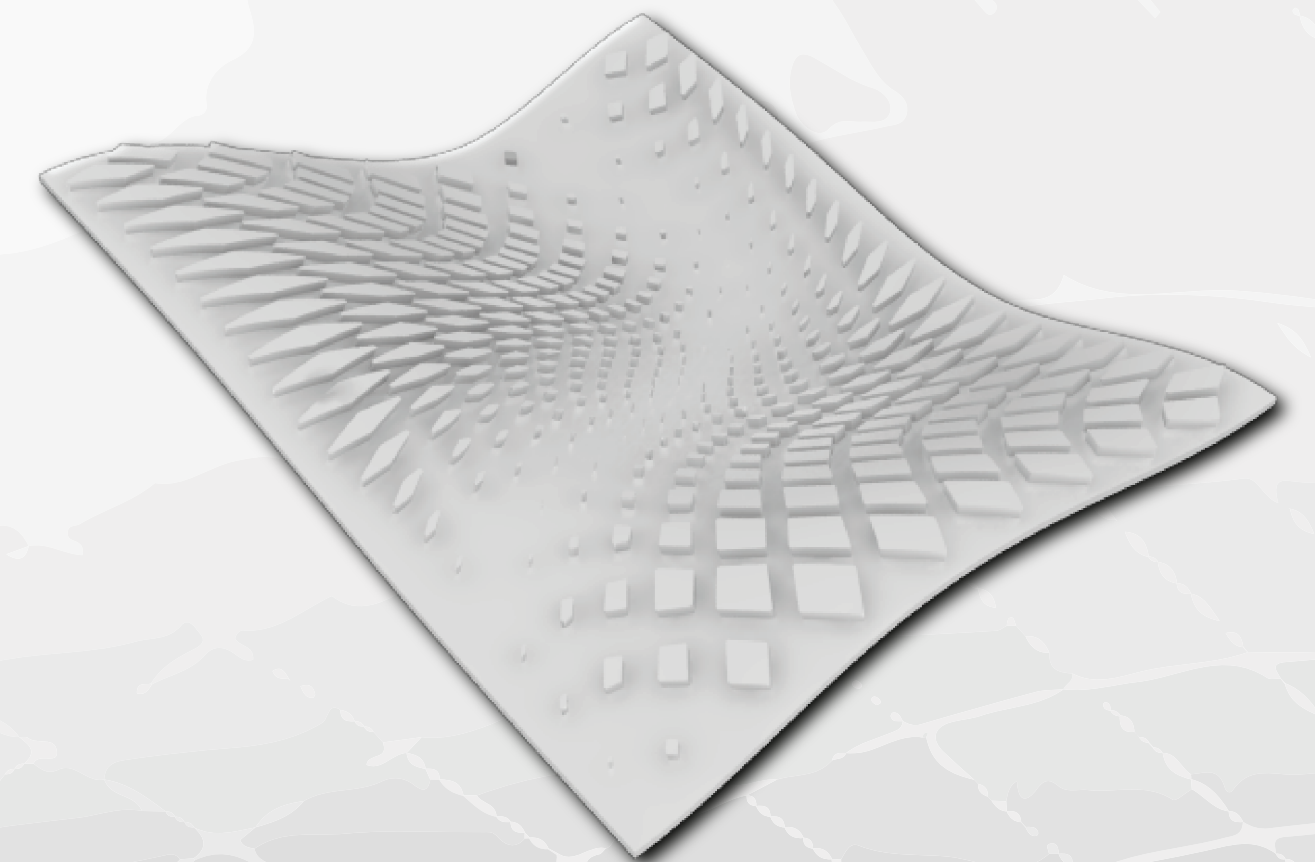
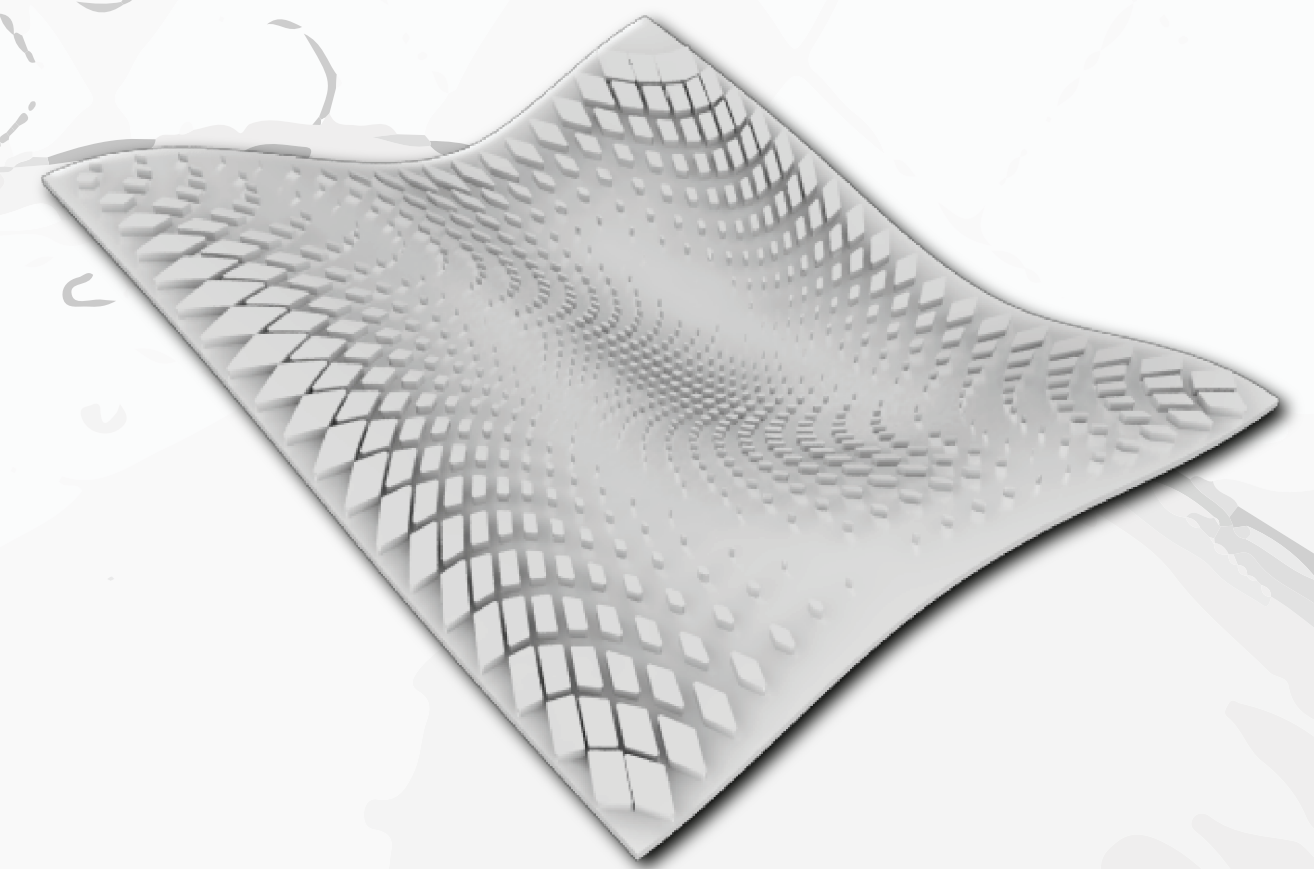
apply diagrid logic, manipulate diagrid curves and manipulate curve influence on diagrid



create undulating surface



apply extruded pattern to surface



[PROJECT DESCRIPTION]

[This is a study of contemporary architectural ornamental patterns which, as stated by Antoine Picon, has been facilitated through advancements in computer software allowing for novel architectural patterning on facades and other architectural elements. This project utilizes diagrid algorithms in grasshopper where a grid of squares is distorted based on their spatial relation to a set of curves. Different curves were explored as well as their mathematical influence on the distortion of the grid. The resulting geometry was applied to an underlying surface creating further distortion of the grid.]