

In order to make a design which is possible to actually produce, a bottom-up approach has been done. By first analyzing the robotic milling process could be concluded that as input only toolpaths, which are just lines, are necessary. So, as a pattern something which looks in 2D similar as with a topographic pattern, has been created. This pattern is able to create a wide variety of forms and will be used as principle to create the interior and exterior of the pavilion. In the interior it will provide comfortable acoustics and for the exterior it will guide the rainwater in preferred directions. Moreover, by using the same pattern for the interior and exterior a coherent and balanced design can be achieved.

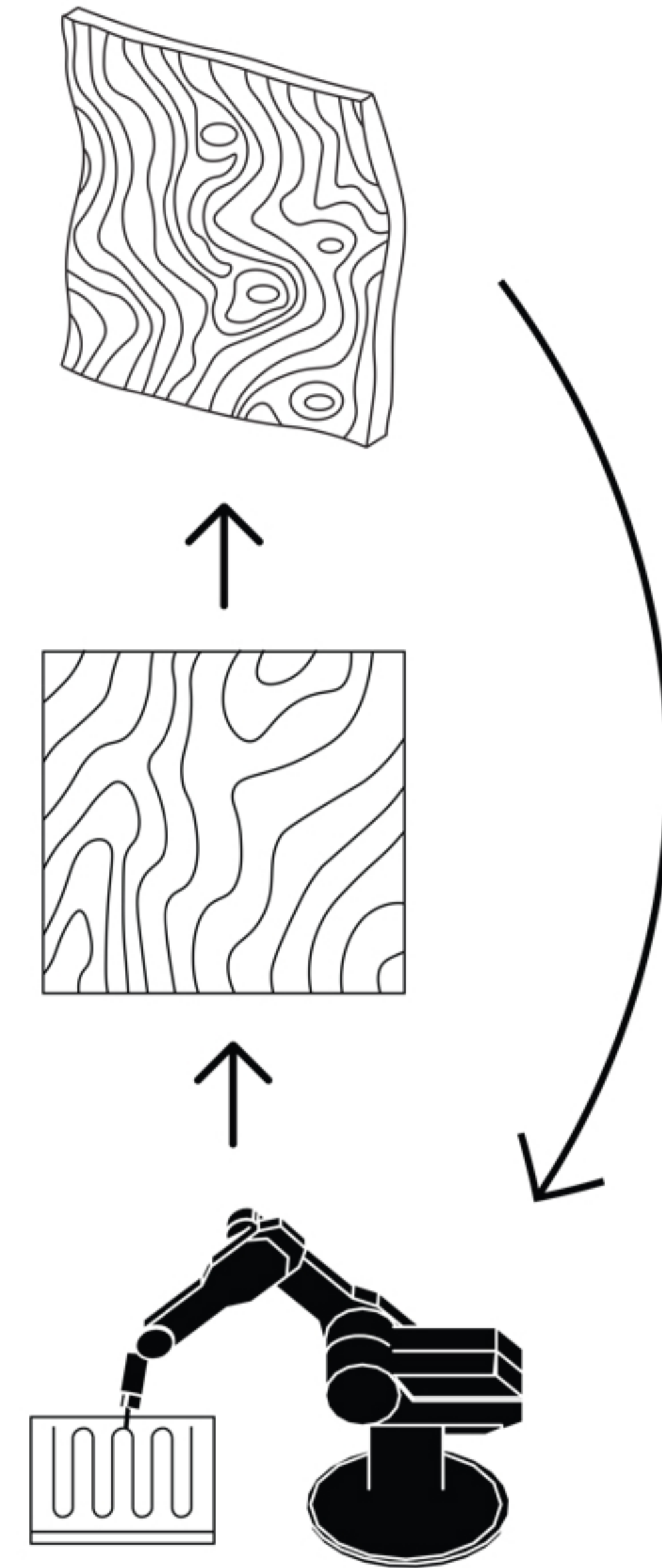


DIAGRAM PATTERN CONCEPT