

PARAMETRIC PAPER



Who Are We?

Ben Irons, Ben Starling and Felix Mallinder make up BFB Design Collective - a group of computational designers with specialisms in parametric design and digital fabrication. The group have been exploring how form and material can encourage playful kinetic interactions for sensorial effects felt through haptic, acoustic, and visual stimuli. The trio met whilst studying Computational Architecture MSc at the University of the West of England - where they were part of a collaborative project entitled *Eremos*, an acoustic and kinetic morphology for application in office environments. Their research is now being furthered explored with the development of *Parametric Paper*; with the aim of bringing playful and sensorial connections to utilitarian environments through the design of their kinetic sculptures.

Benedict Starling

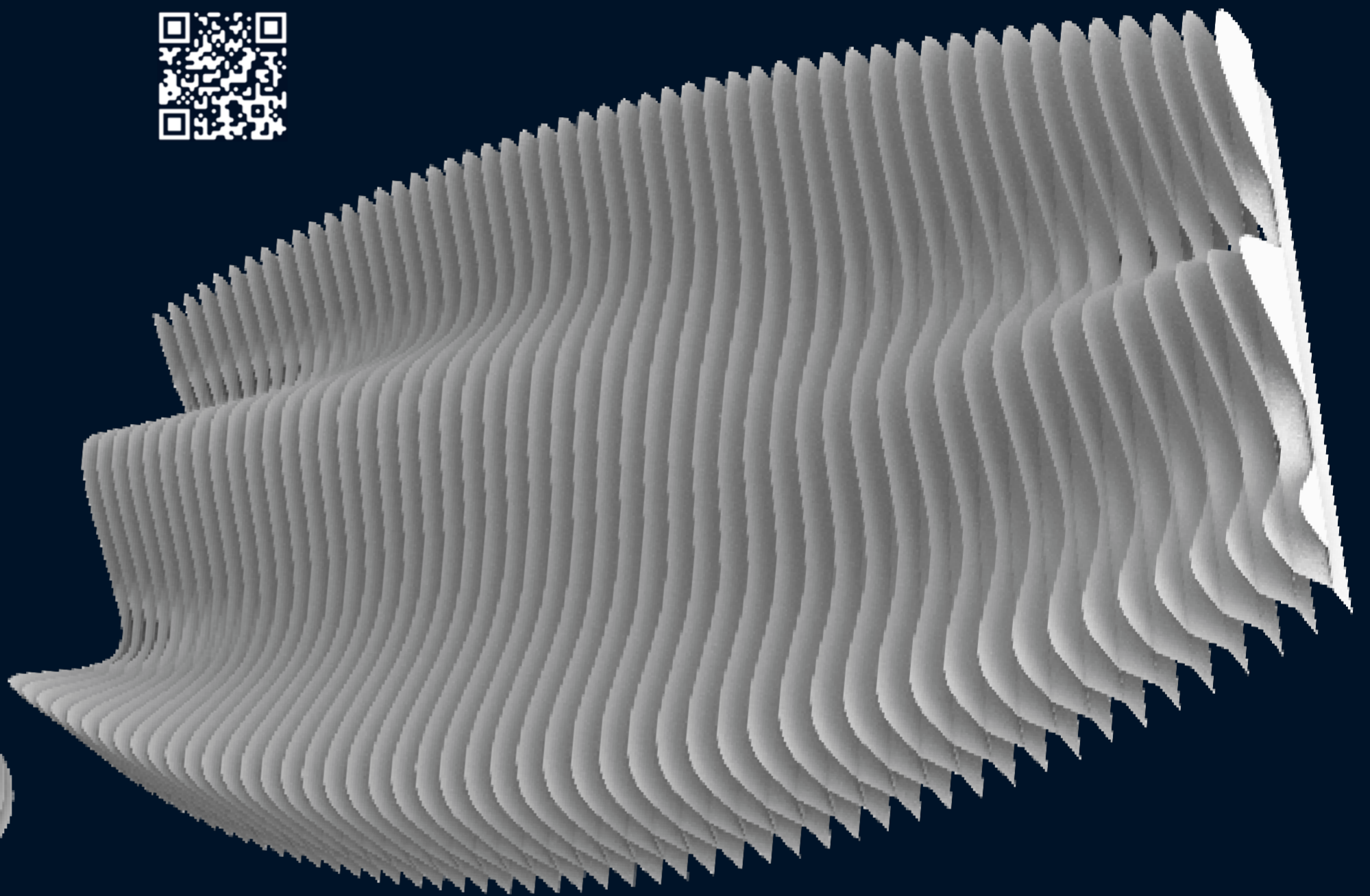
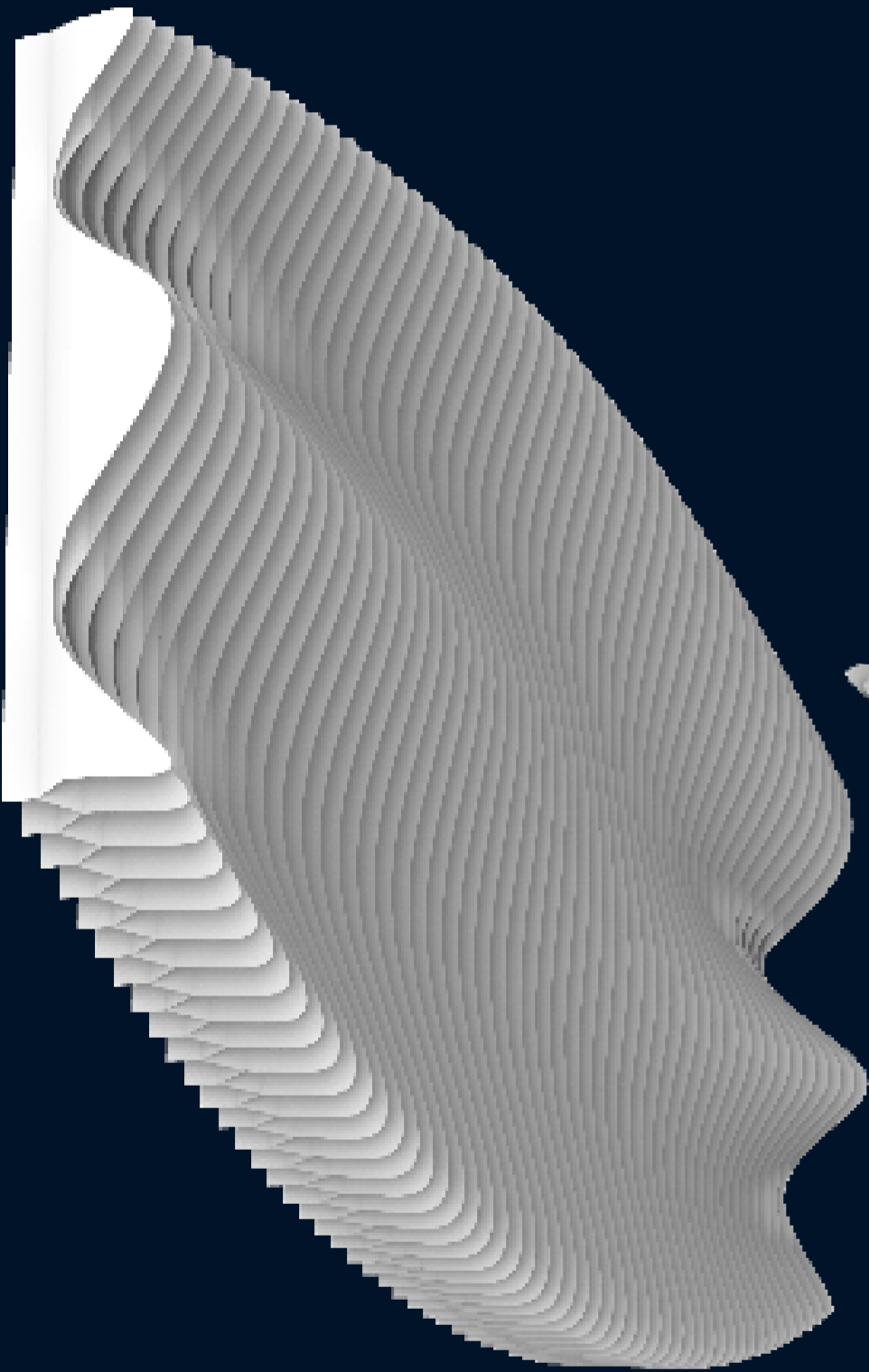
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What is Parametric Paper?

Parametric Paper is an installation, comprised of 100 uniquely shaped sheets of paper, which are bound to combine and form one homogeneous, yet complex morphology. The form extends out, physically inviting touch and exploration from the user, in a flowing transitional motion. Through physical interaction, a ripple effect dissipates across the network of paper forms. This kinetic reactive activates emotional and sensorial stimuli for the user through; a visual response in a wave-like shimmer, an acoustic response through a harmonic soundscape and a haptic response through textural interplay. We look to implement this installation in utilitarian environments to bring joy, playfulness, intrigue and inspiration through design, in environments which lack the former.



INTERACT ~ EMBRACE ~ PLAY