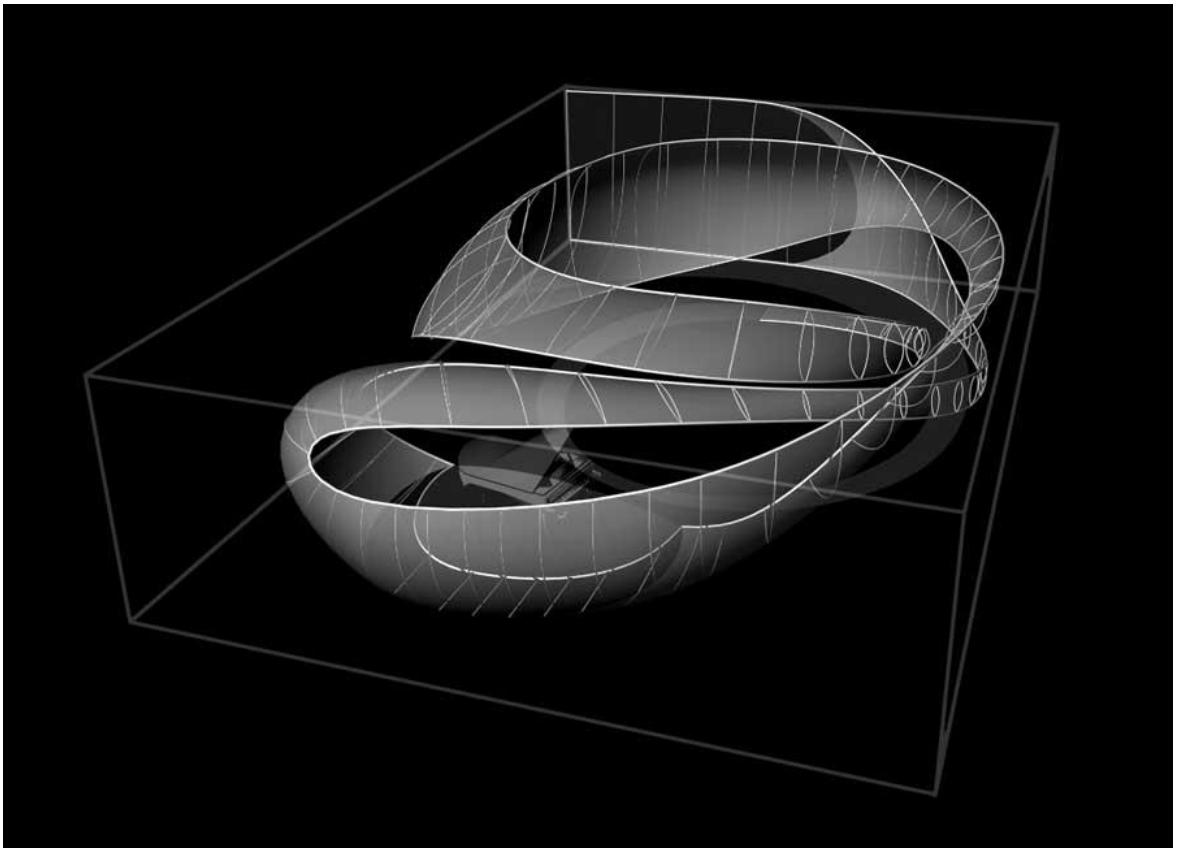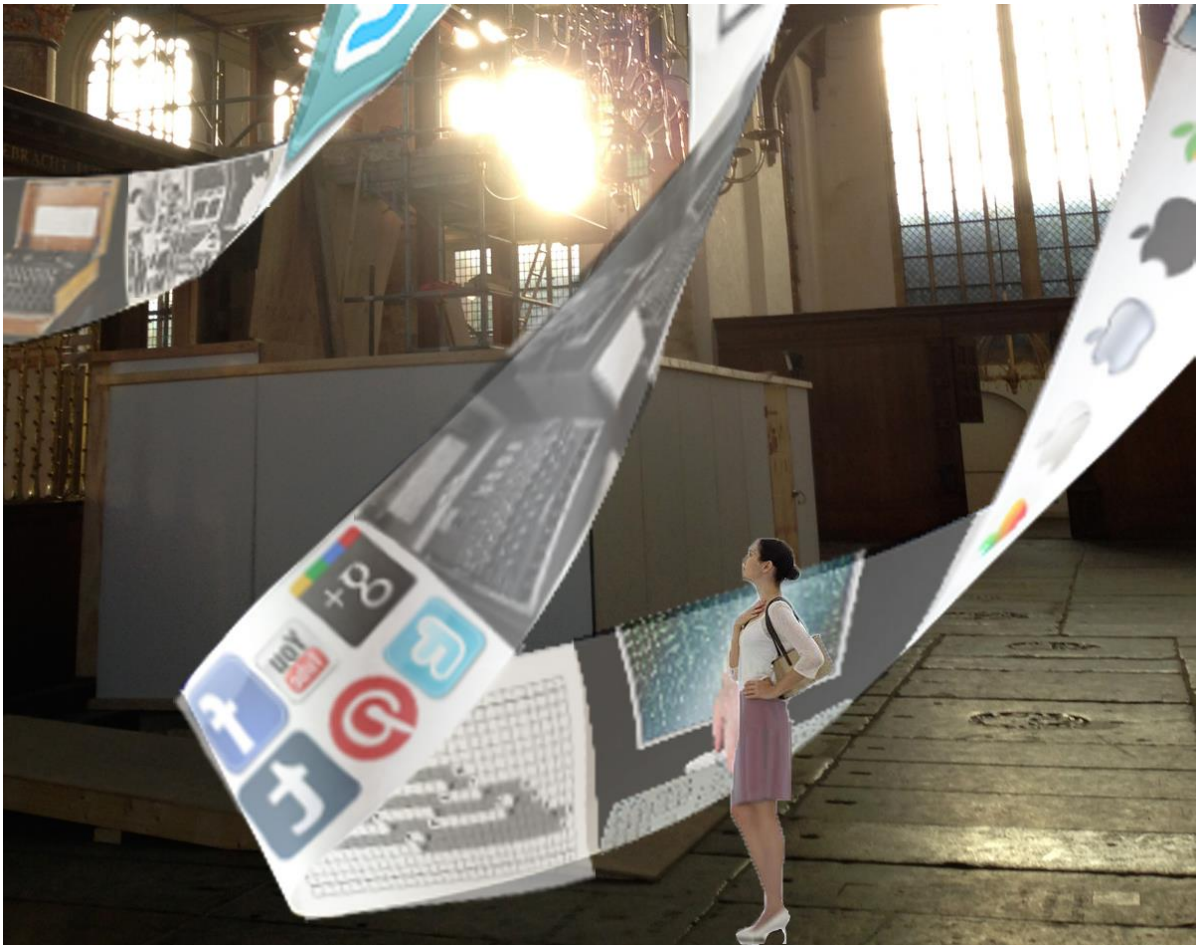Sketches and Tests