

formulae si:v

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Abstract

The 'formulae si:v' is an experimental opera; a duo for synthetic voice and an algorithmic script for auditory scene formulation; an elemental synthetic laboratory where the sensible, the intelligible, the artificial, and the natural are animated and combined. Integrating a state of the art machine learning program, a novel hybrid sound and speech synthesis design, and an original spatialisation score, the work probes the experimental capacity of sound synthesis at the intersection between microsound, psychoacoustics and computational linguistics.