

Simon Hutchinson, **Artificial Neurons for Music and Sound Design**

Video Link:

https://unhnewhaven-my.sharepoint.com/:v:/g/personal/shutchinson_newhaven_edu/EcyMFYjKdHhIkhnsTFTfLakBfphntSo3lkKqahFIA7-wkQ?nav=eyJyZWZlcnJhbEluZm8iOncicmVmZXJyYWxBcHAIoiJPbmVEcmI2ZUZvckJ1c2luZXNzliwicmVmZXJyYWxBcHBQbGF0Zm9ybSI6IldlYiIsInJlZmVycmFsTW9kZSI6InZpZXciLCJyZWZlcnJhbFZpZXciOiJNeUZpbGVzTGlua0NvcHkifX0&e=F5xh6r

Abstract:

In this brief video, I discuss my work using artificial neurons in my composition and sound design, sharing musical examples as I explain my aesthetic approach. This is ***not*** composition through machine learning, but rather a subversion of AI, by repurposing its building blocks for human musical expression. Thus, the aesthetics of this creative work focus on the *process* of artificial neurons, rather than the *result* of machine-learning output. These ideas draw from the “cybernetic music” of artists from the Institute of Sonology (Jaap Vink, Roland Kayn), the feedback works Éliane Radigue, and Japanese “noise” musicians, reexamining these ideas with the lens of contemporary machine learning.