

- WELCOME TO -

賽馬會科藝共融計劃

Jockey Club Project IDEA

Day 1
第二節

Timeline of sound

聲音時間線

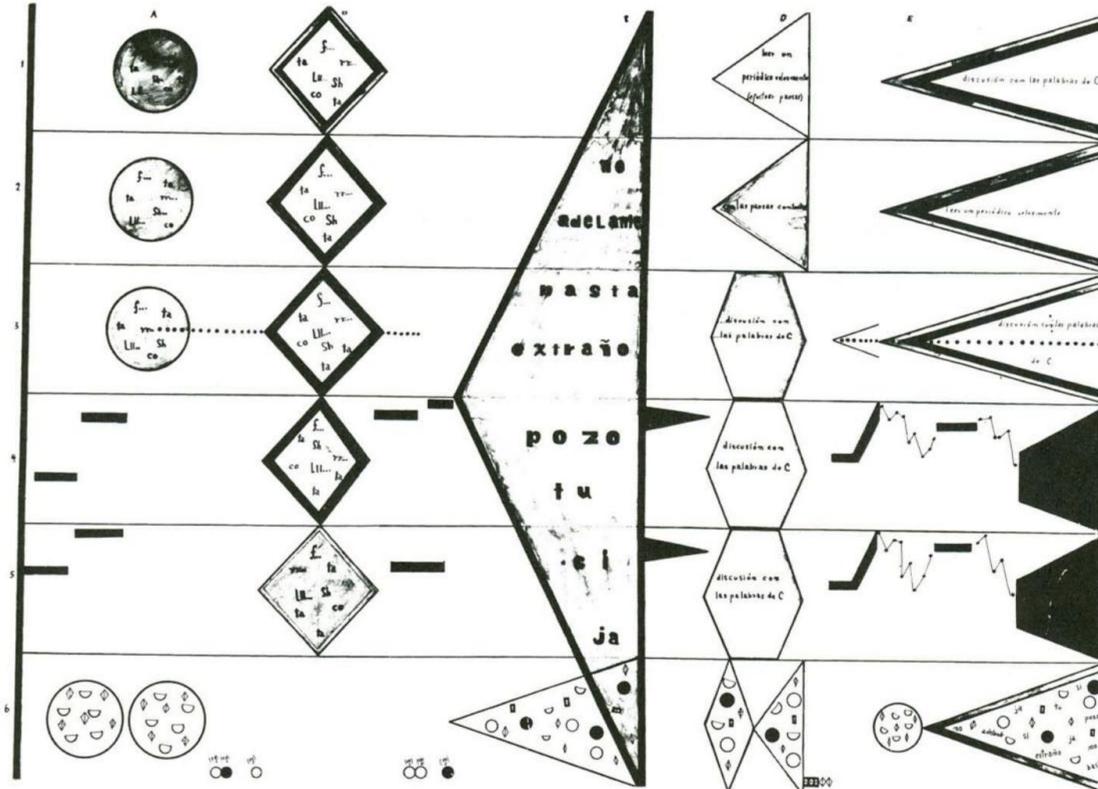
將無形的聲音，以線性的手法想像，拼湊成為故事



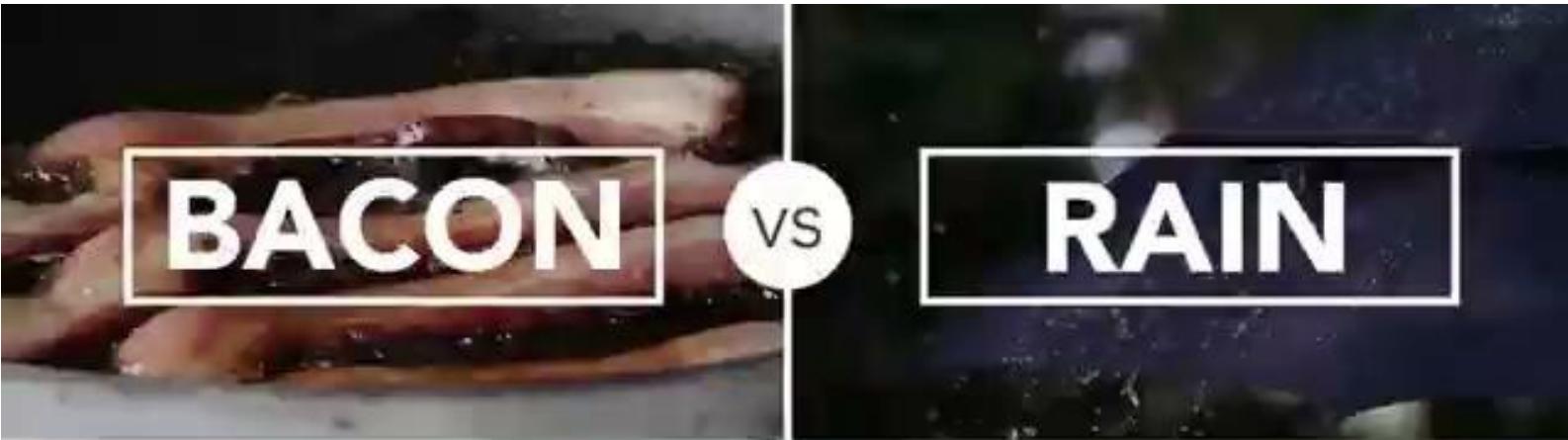
單一線性

多線性

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Notations by John Cage



Can You Hear the Difference?

Three modes of listening (Michel Chion)

- **Causal Listening 因果聆聽**

因果聆聽是最常使用的聆聽方式，指透過聆聽聲音以收集有關它的 原因(或來源)的訊息。

例子：動物的叫聲。

- **Semantic Listening 語義聆聽**

語義聆聽為語言的代碼，訊息的傳譯

例子：什麼聲音令你覺得 害怕？……驚嚇電影中的聲音？

- **Reduced Listening 還原聆聽**

還原聆聽以聲音為關注的對象，而不是作為承載其他意思的工具

這種聆聽方式專注聲音本身的特質，如 音高、節奏、韻律等。

收集聲音方法

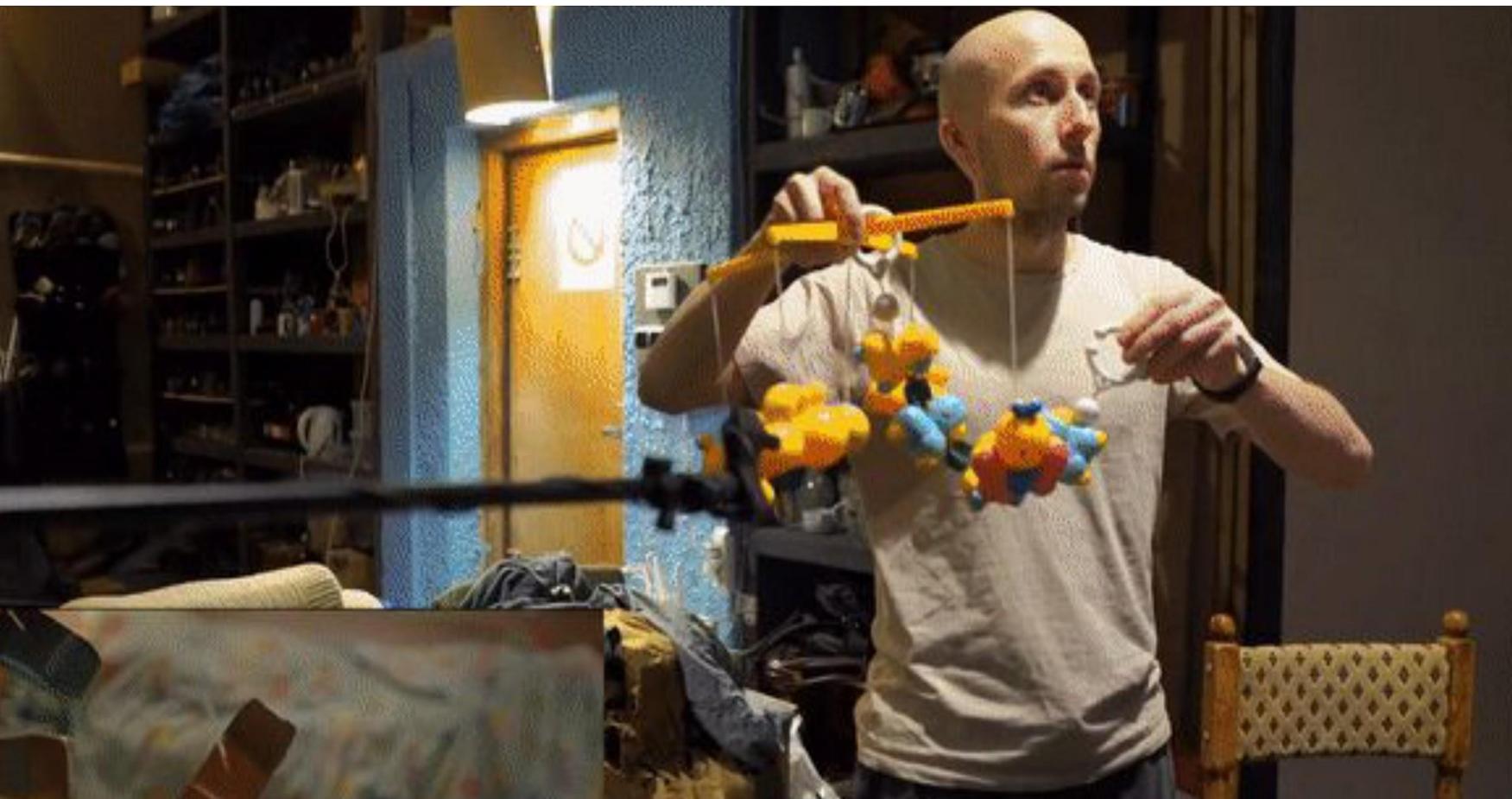
1. 利用錄音機錄製聲音
2. 聲音圖書館

甚麼是 擬聲音效 (Foley) ?

擬聲音效 (Foley) 是指使用人聲或物品模擬出特定聲音，用於影片、遊戲、廣告等多媒體製作，營造更真實的聲音效果，增加觀眾的身臨其境感受。



https://www.youtube.com/watch?v=_6tkhCnv9Ek



甚麼是 現場錄音 (Field Recording) ?

現場錄音 (Field Recording) 是指在戶外或室內環境中使用錄音設備進行錄音，捕捉自然或人造聲音，用於音樂、電影、電視、遊戲等製作，增加真實感和氛圍。



<https://www.youtube.com/watch?v=G0nhh6Jkb1U>

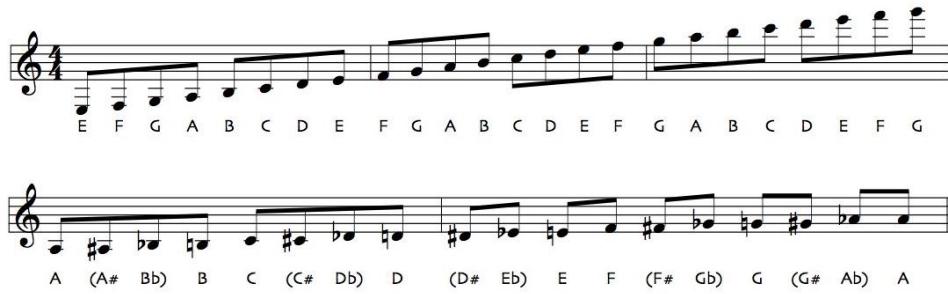
請檢查並確保齊備以下物品



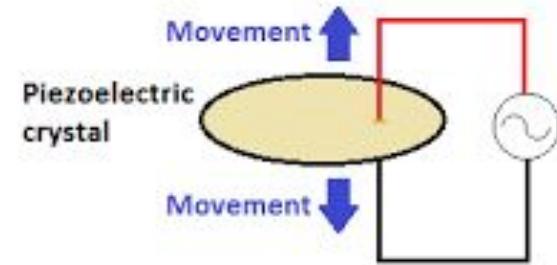
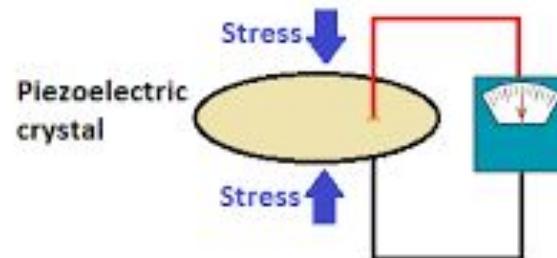
ZOOM H4n 工具包物品

Zoom H4N 簡單使用方法介紹

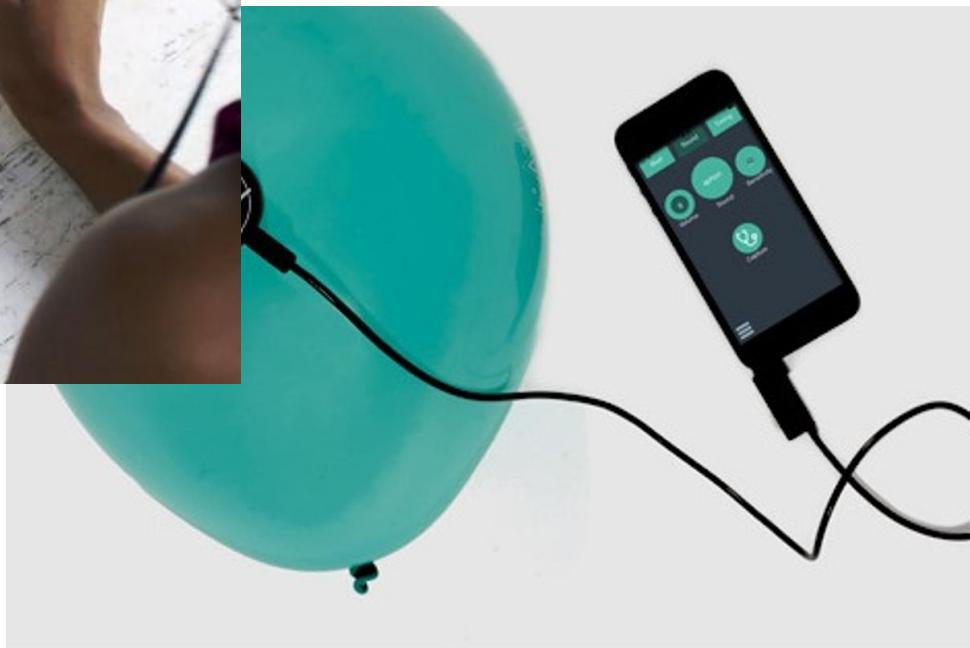
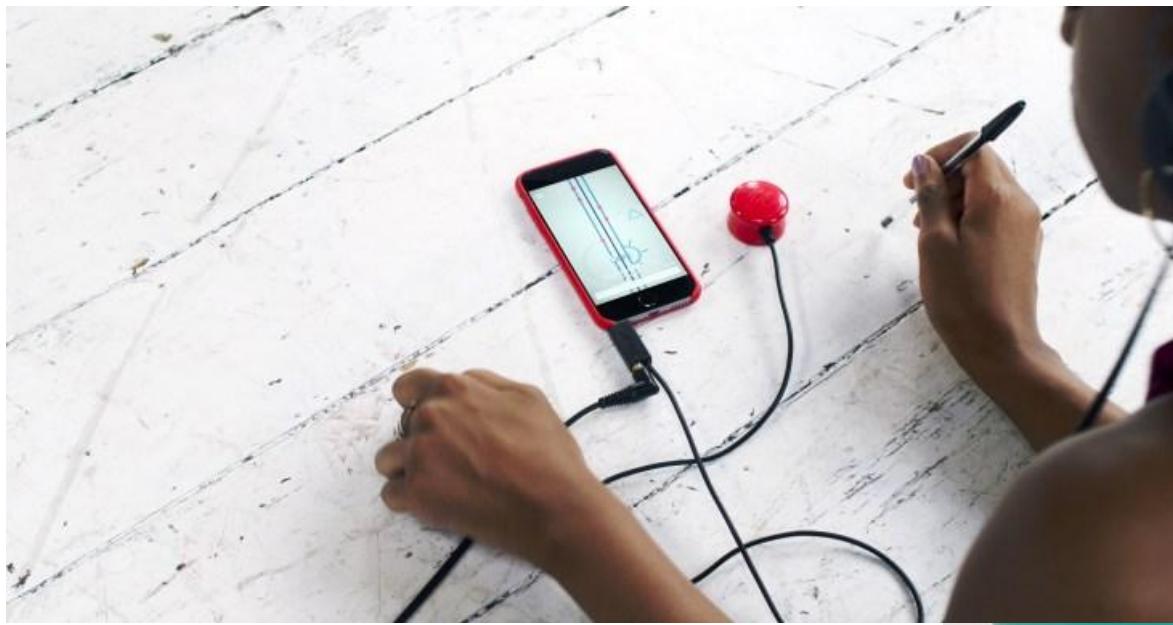




Piezo









動動手，四處錄音

集齊聲音檔案後，我們可以做一些後製~

甚麼是 數位音訊工作站 (Digital Audio Workstation ,DAW) ?

音訊工作站是一種專業數位音頻製作軟體，可用於錄音、混音、編曲、編輯及後製處理等音樂製作工作，適用於聲音藝術家、音樂製作人、錄音師、唱片製作人等。





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Daphne Oram, composer , electronic musician a pioneer on the studio techniques

Studio practice in 60s



Recording sound in a studio , 100 years ago





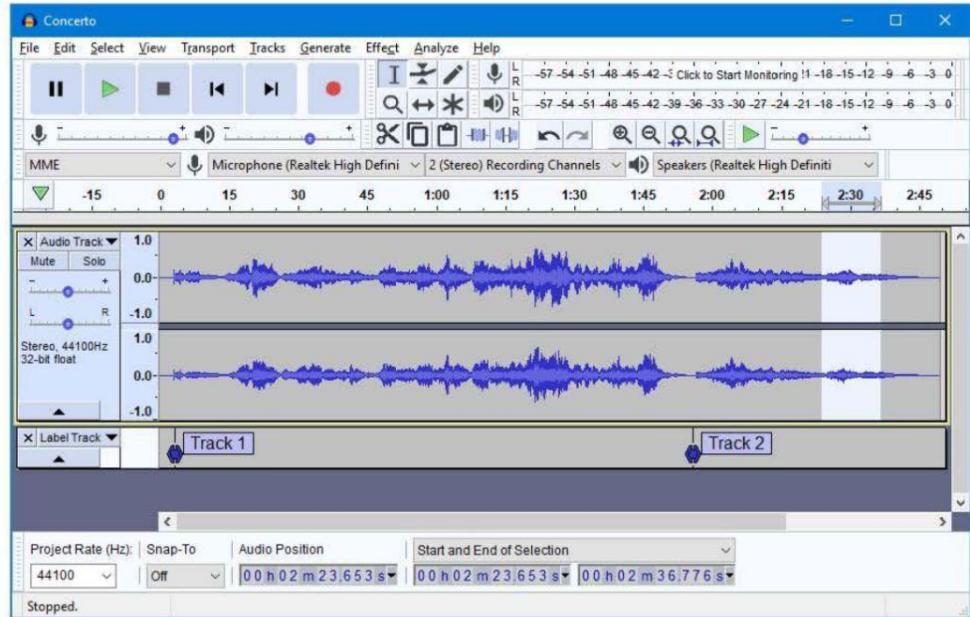
Edison phonograph

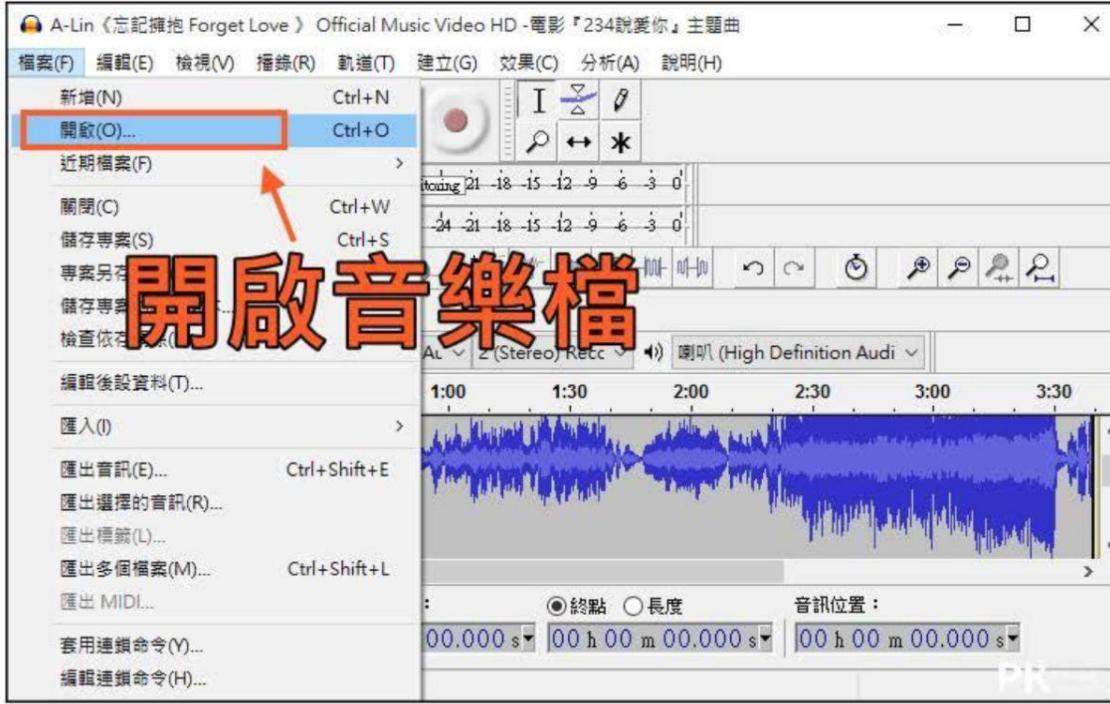


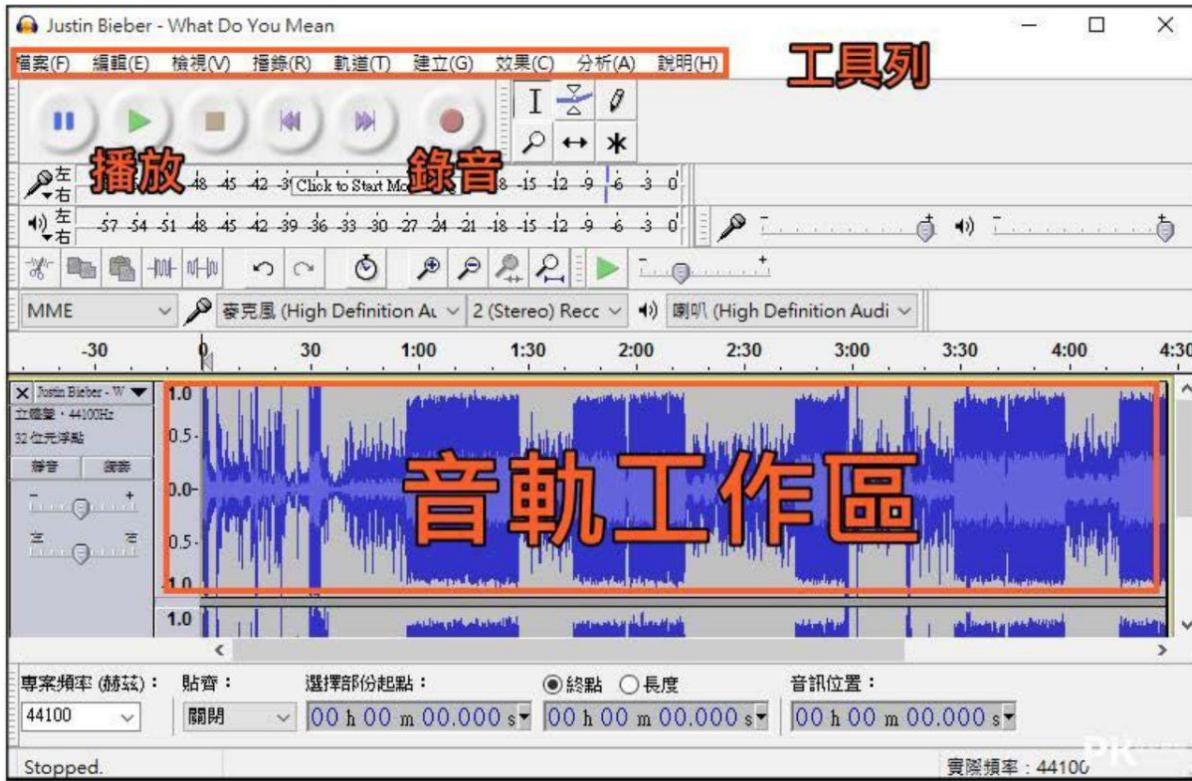
Contemporary Studio setup

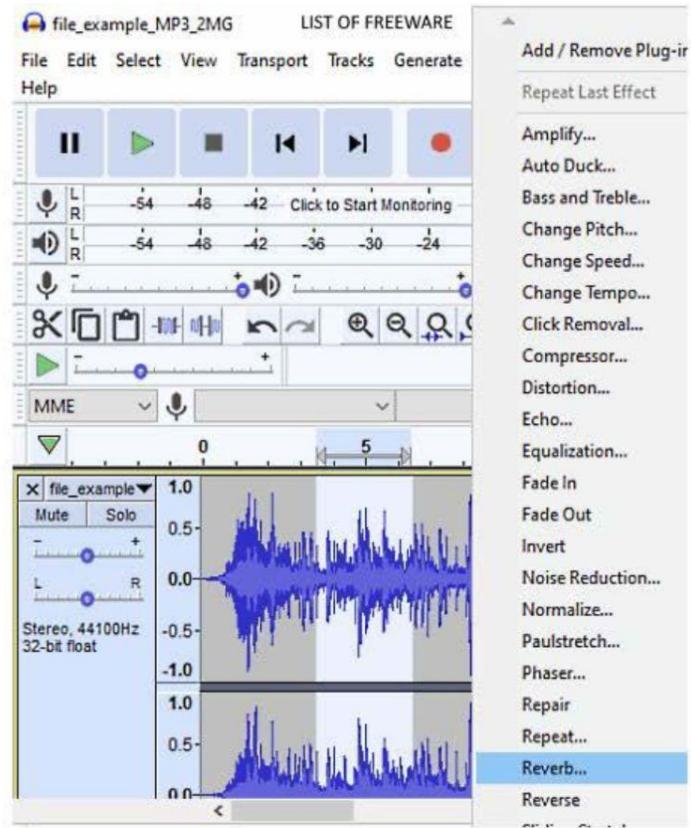
我們會使用開源軟件

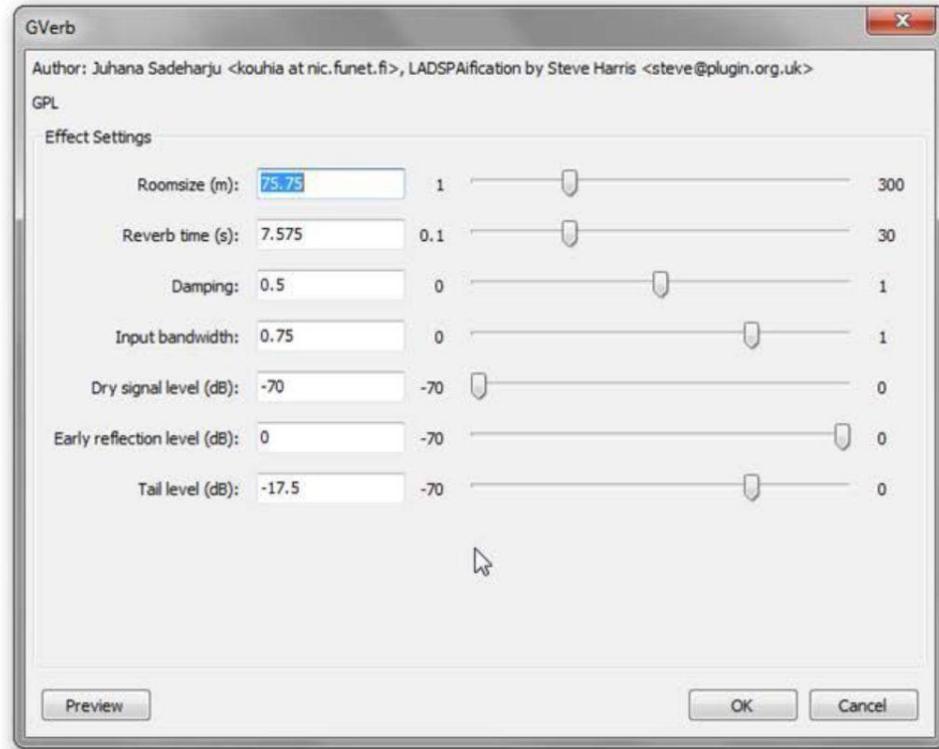
Audacity

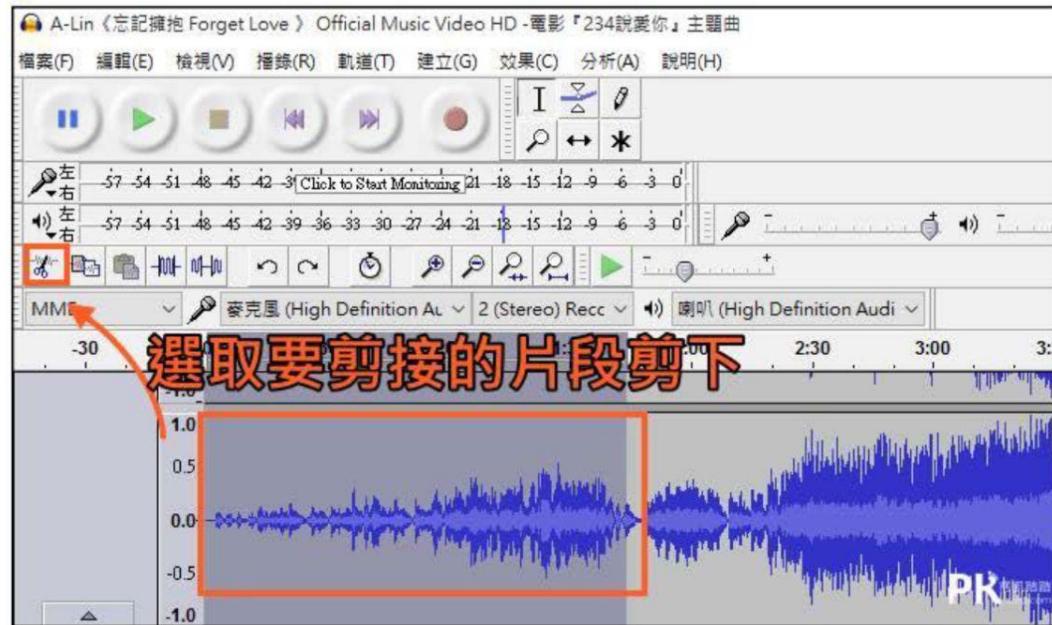










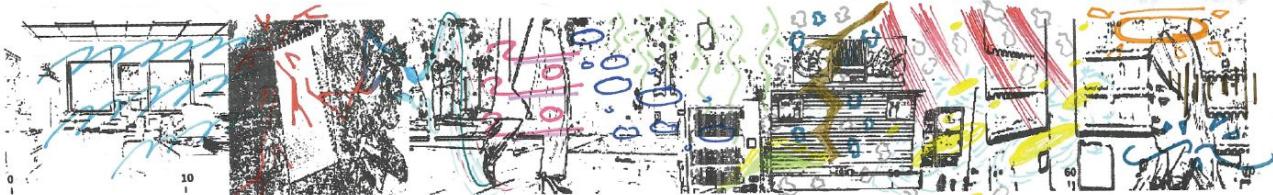




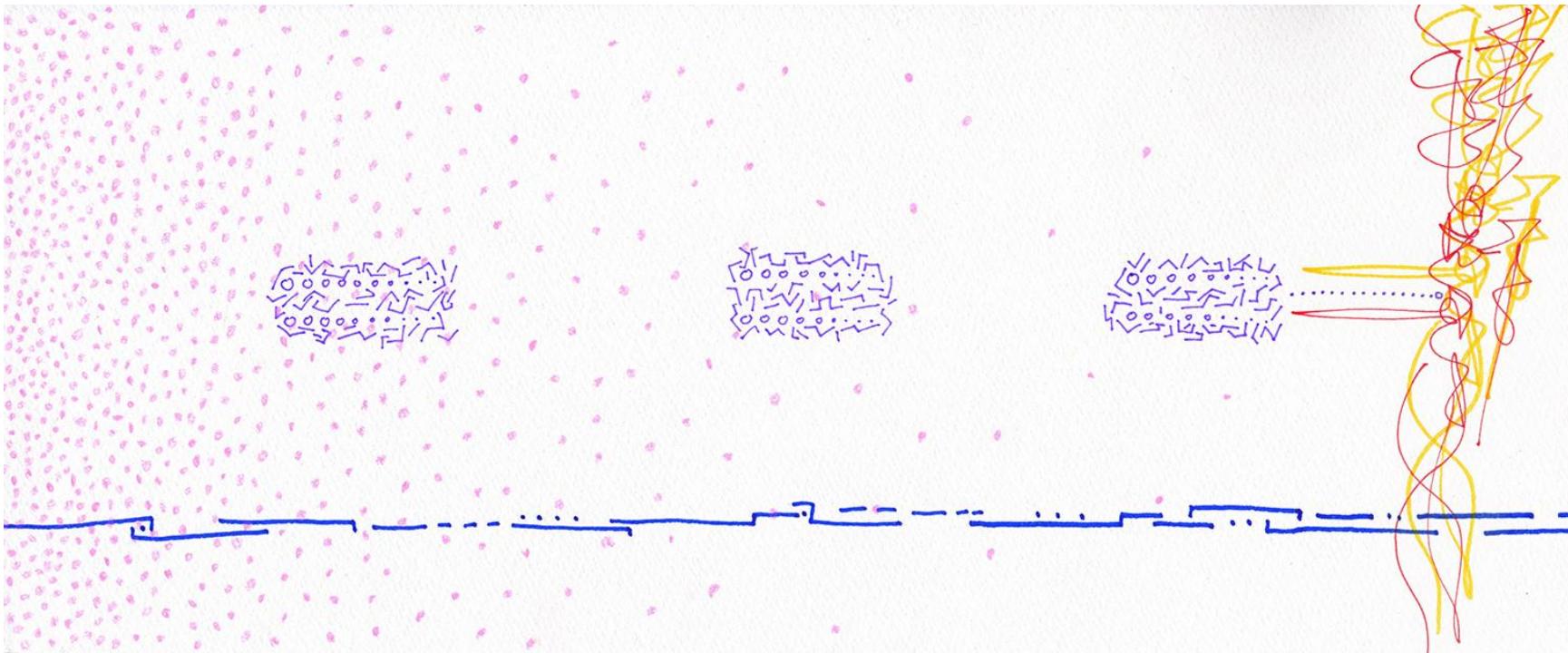
另存成MP3等音樂檔

A screenshot of a Windows File Explorer window. The title bar reads "USB Drive (D:)". The window displays a single file entry:

	Name	Date modified	Type	Size
▶	TRACK000	4/29/2023 3:16 PM	MP3 File	59 KB



Graphical Notation 作品例子

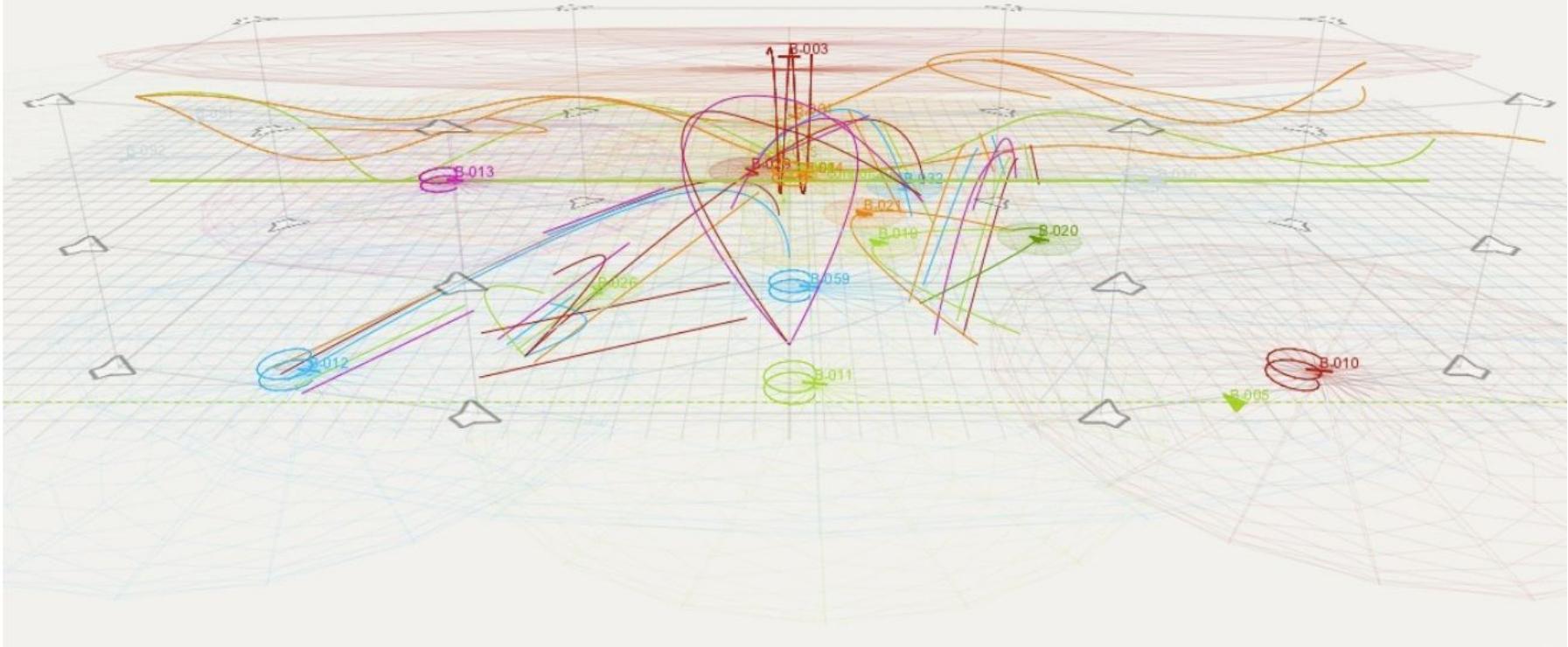


Jonathan Edwin Lo

[https://www.thelibrarybysoundpocket.org.hk/listen/
%e2%80%a8%e2%80%a8synesthesia/](https://www.thelibrarybysoundpocket.org.hk/listen/%e2%80%a8%e2%80%a8synesthesia/)

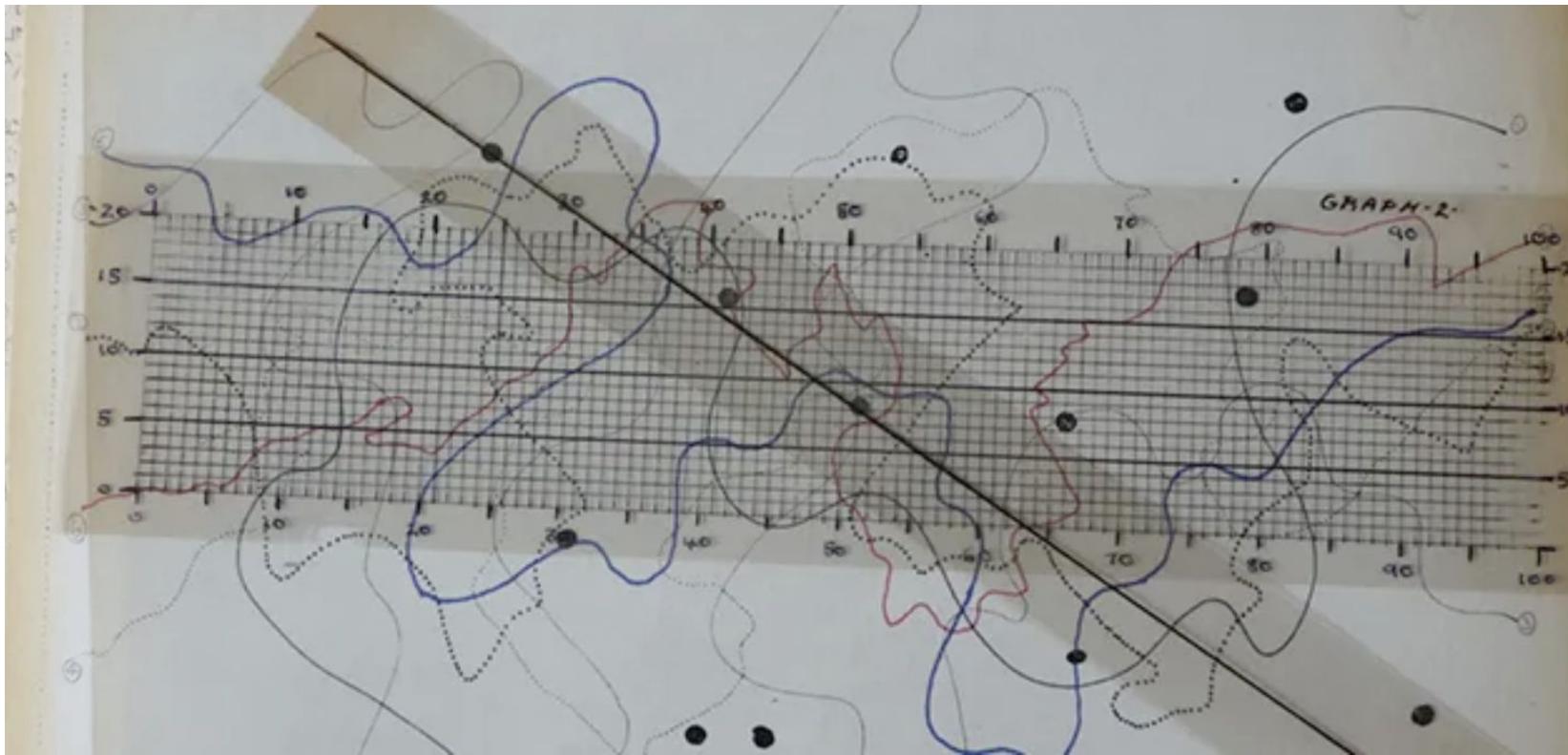


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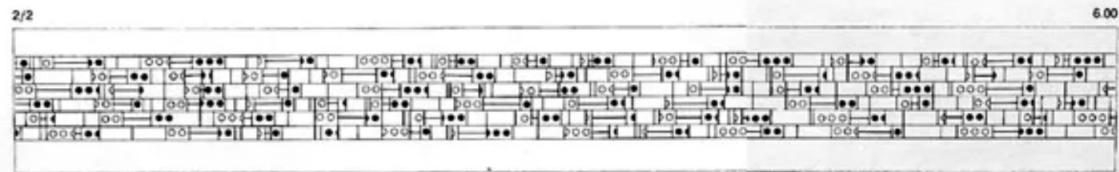
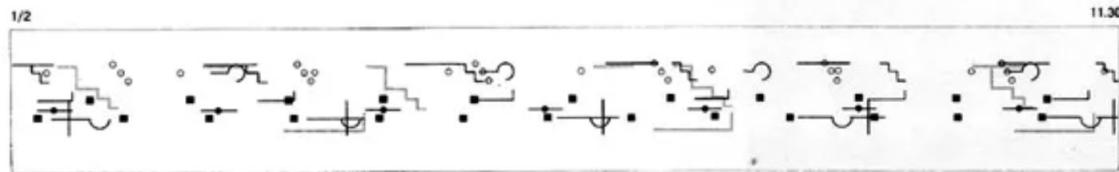
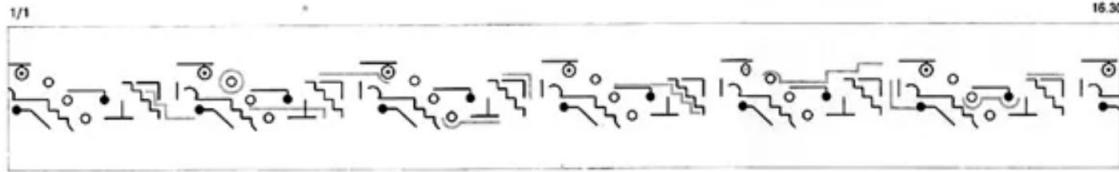
Charles de Meaux, 2012, created by iannix graphical notation tool
<https://www.artandsciencejournal.com/post/32475732713/iannix>

Graphical Notation 作品例子

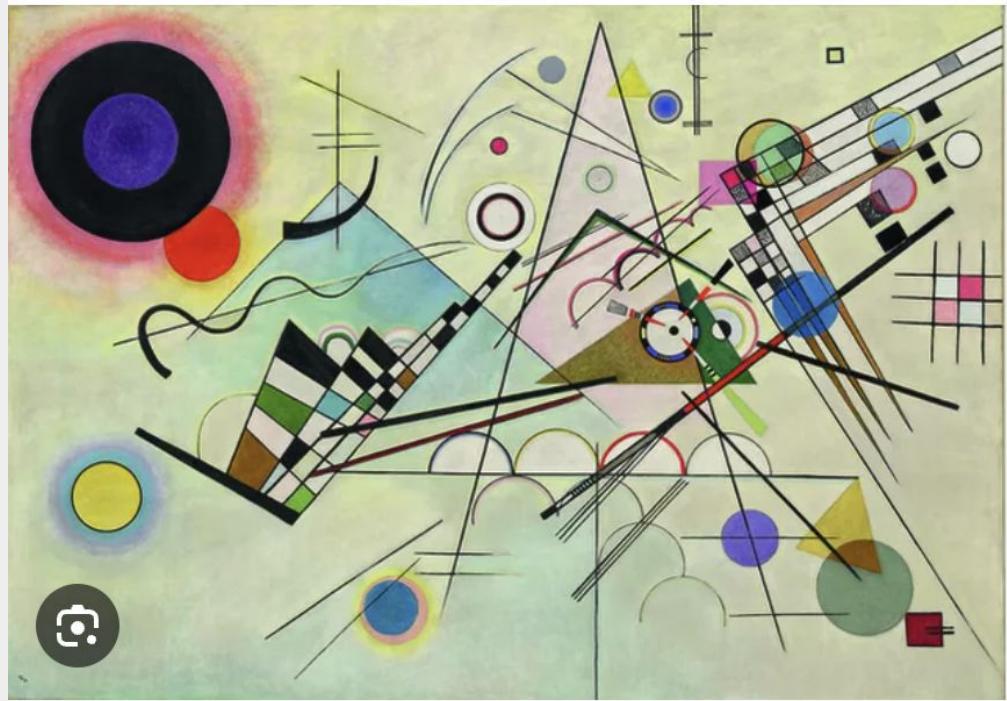


Fontana Mix, John Cage

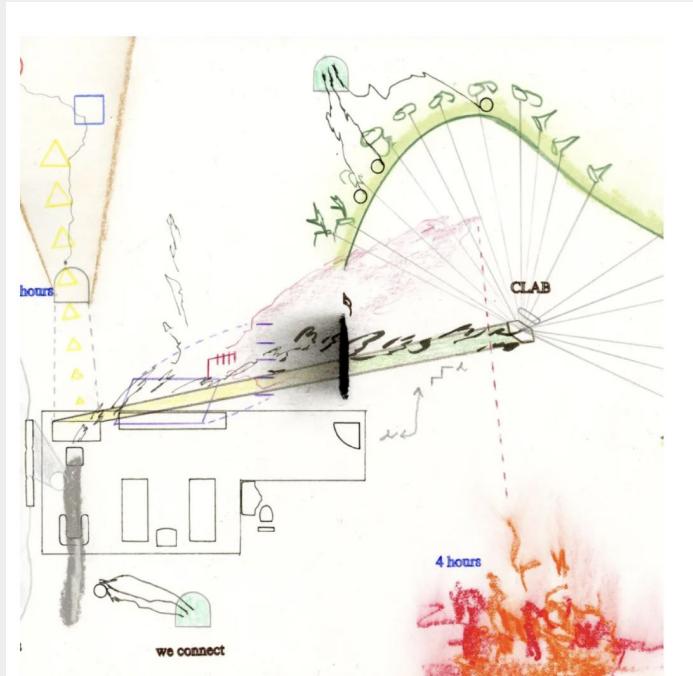
Graphical Notation 作品例子



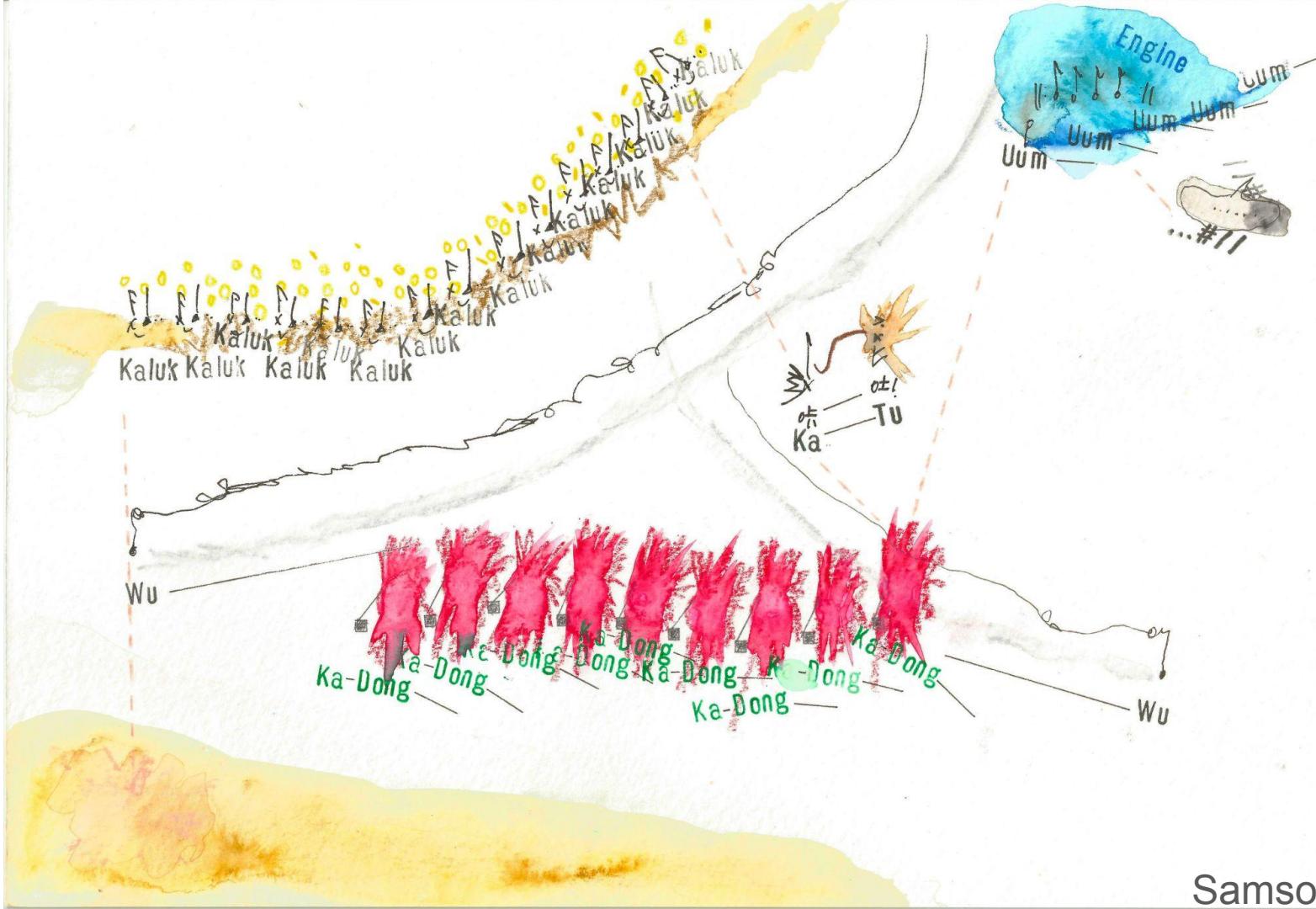
Brian Eno, Music for Airport



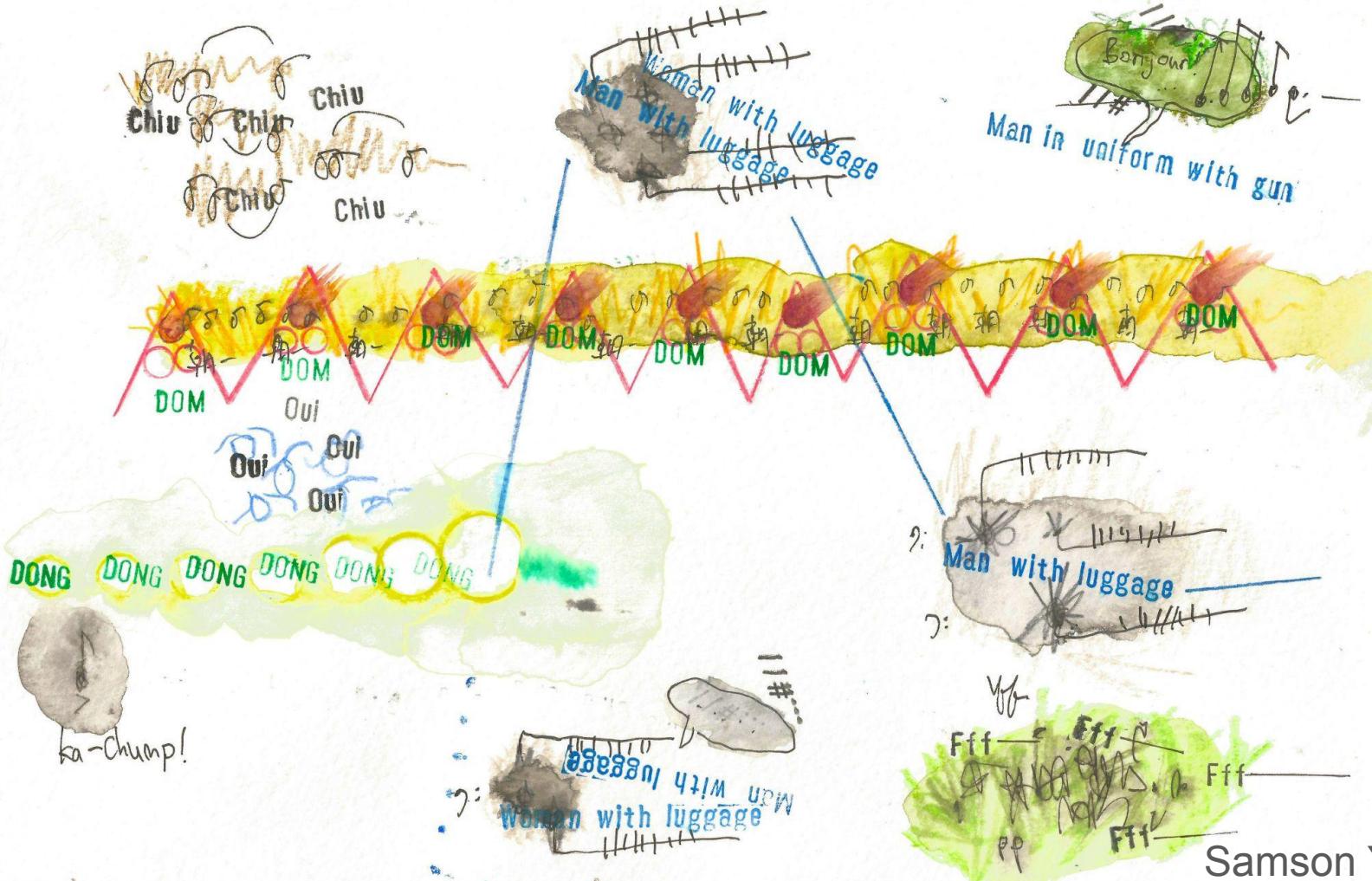
Kandinsky, Composition8

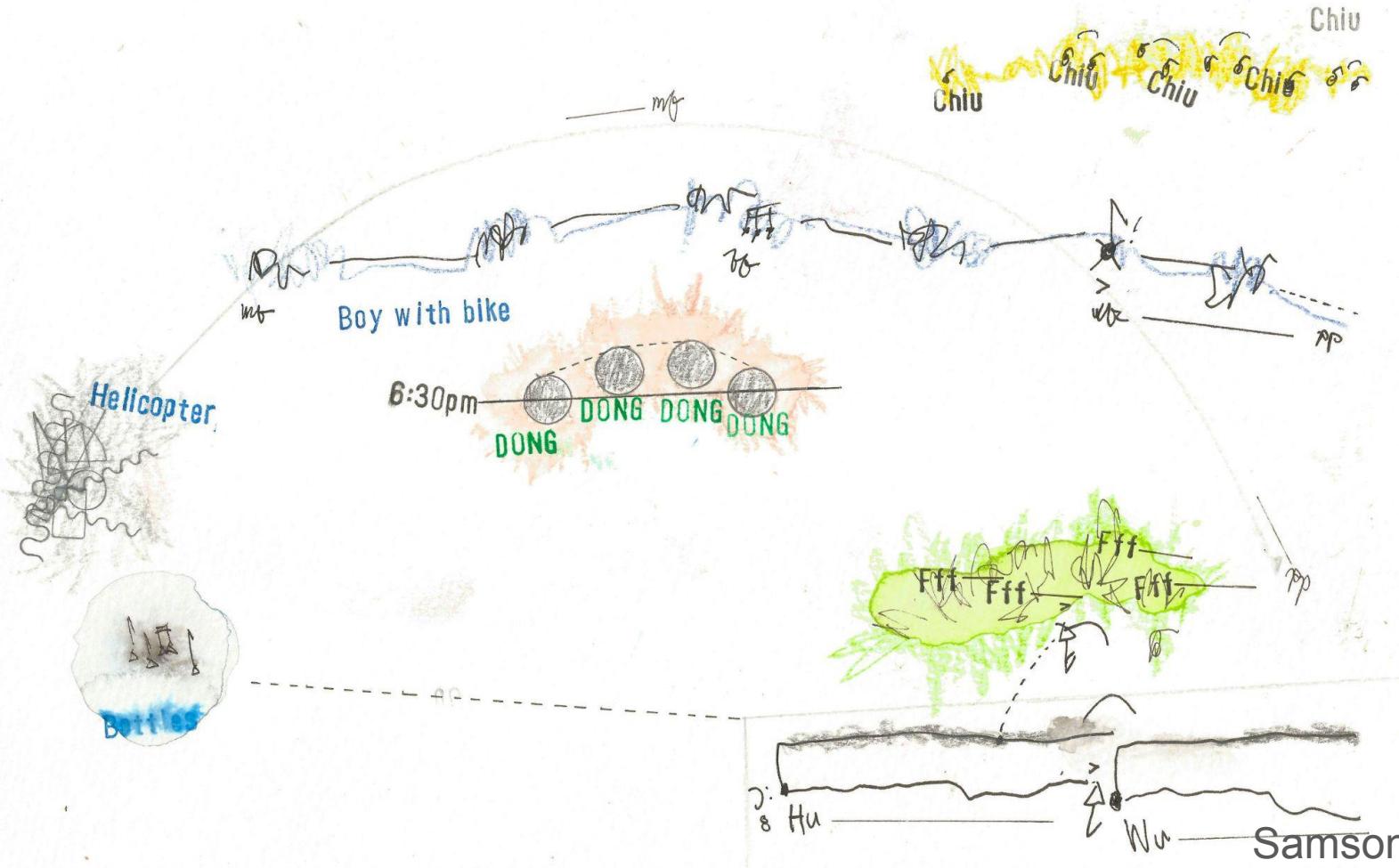


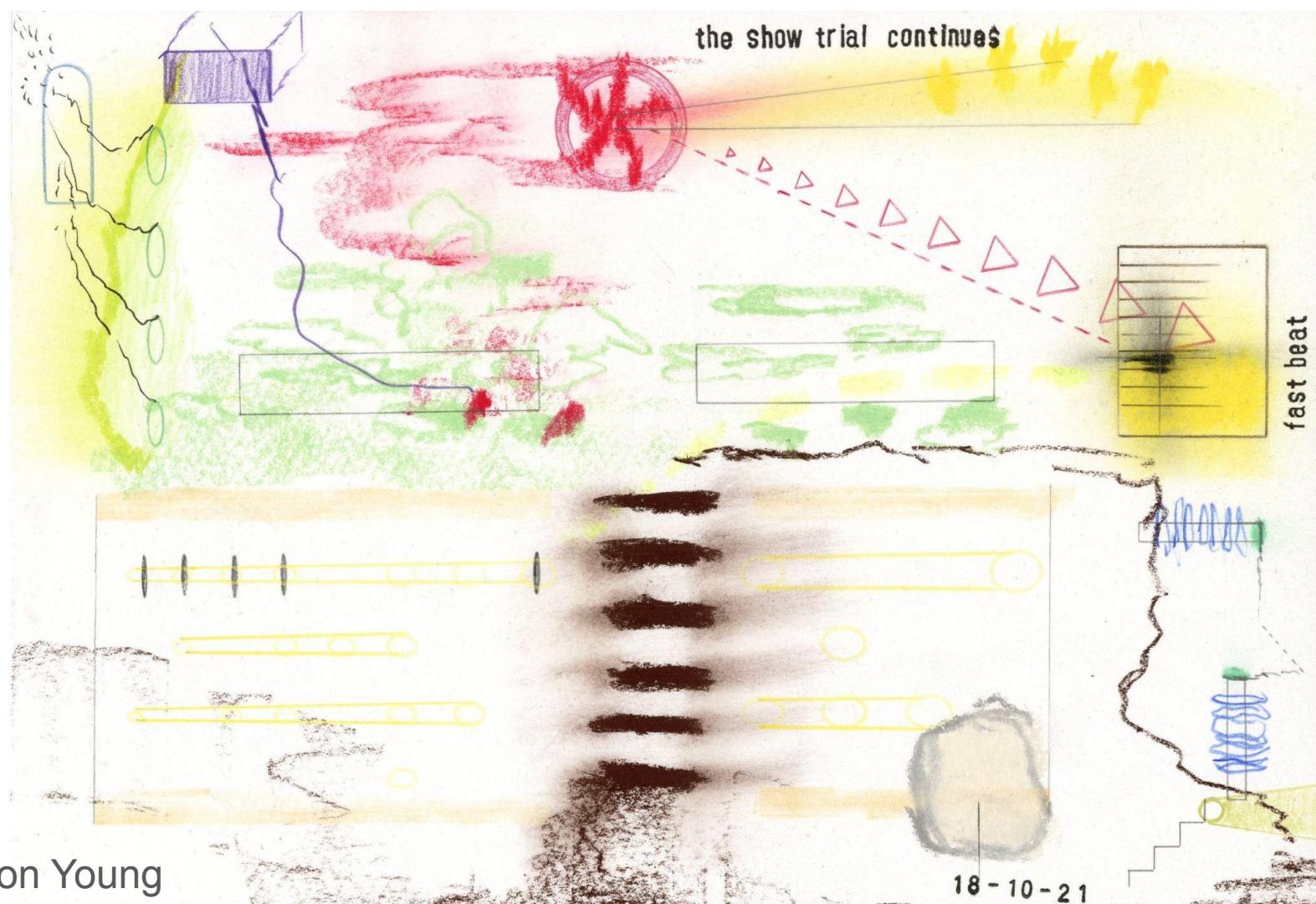
Trying to conduct a brass ensemble from a hotel room, 2020



Samson Young







Samson Young

Olsen - A Night On The Veldt.jpeg

