

All the Feels

Unweaving Expressive Microtiming

Rhythmic time-feel is the most basic, fundamental element communicated by the soloist, and appreciated (or criticized) by an audience. The greatest technique, creativity, melodic accuracy, lyricism, sound, style, etc. matters very little if the music doesn't feel good rhythmically, whereas less evolved technique, ideas, melodic choices, sound etc. can actually sound okay when executed with rhythmic accuracy (good time-feel) and conviction.

Crook 1991, p 10

Even some of the most articulate jazz critics and chroniclers will **avoid** a penetrating discussion of swing and generally back themselves into a corner when they are asked to engage in one.

Coker 1964, p 45

An Inscrutable Way of Thinking

"You are playing on the beat but you have to play in the beat"

Metheny to student

"You have to be tight but not metronomic"

"Never, ever swing on a blues"

"Always, always swing"

Wishart's Lattice

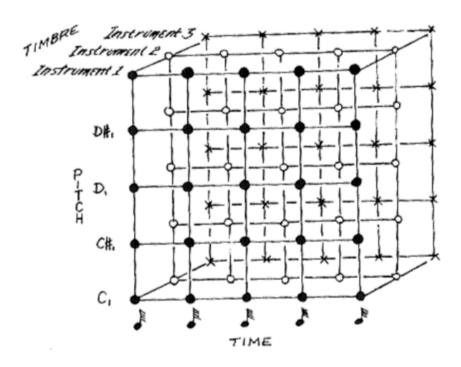


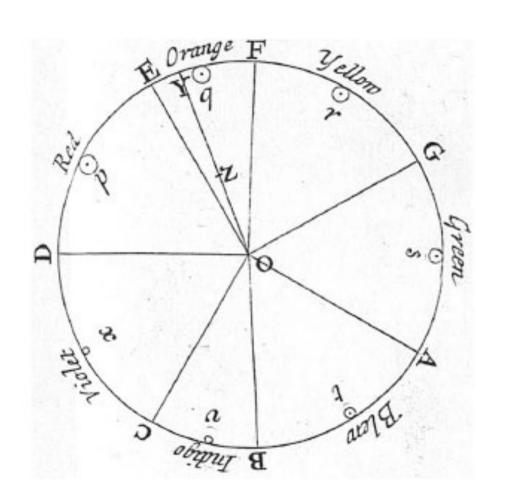
Figure 2.1.1 Wishart's lattice. The representation of standard notation's limitation as a lattice, due to the 'notational economy' of 'finistic' division of pitch, timbre and rhythmic subdivision (Wishart 1996, p 26).

MARTINO UNSTRUNG (2008)



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Do not all charms fly

At the mere touch of cold philosophy?

There was an awful rainbow once in heaven:

We know her woof, her texture; she is given

In the dull catalogue of common things.

Philosophy will clip an Angel's wings,

Conquer all mysteries by rule and line,

Empty the haunted air, and gnomèd mine—

Unweave a rainbow, as it erewhile made

The tender-person'd Lamia melt into a shade.

Lamia John Keats 1820

Unweaving 'Swing'

(swing ≠swing)

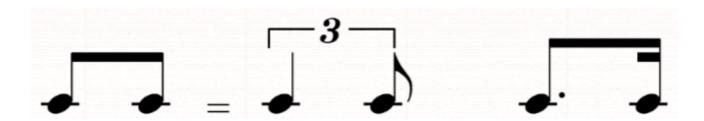
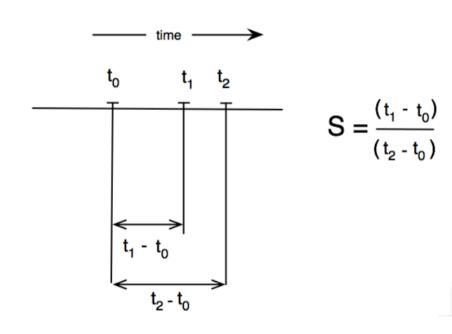
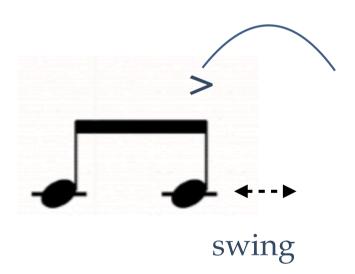


Figure 2.3.3 Standard notation representations of swing.

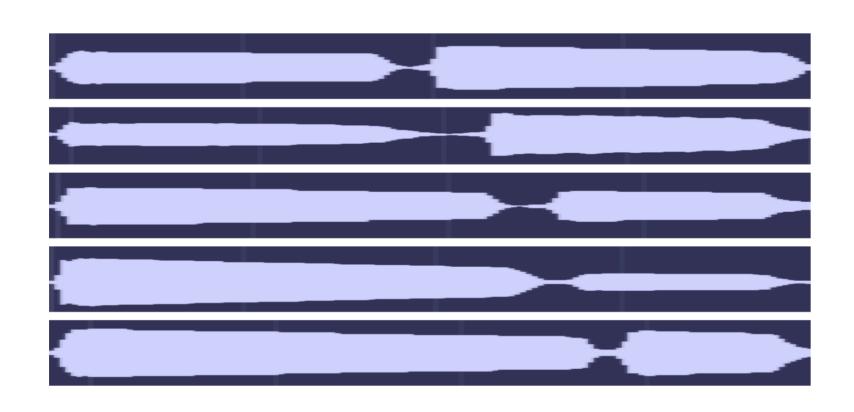
Defining Asymettry



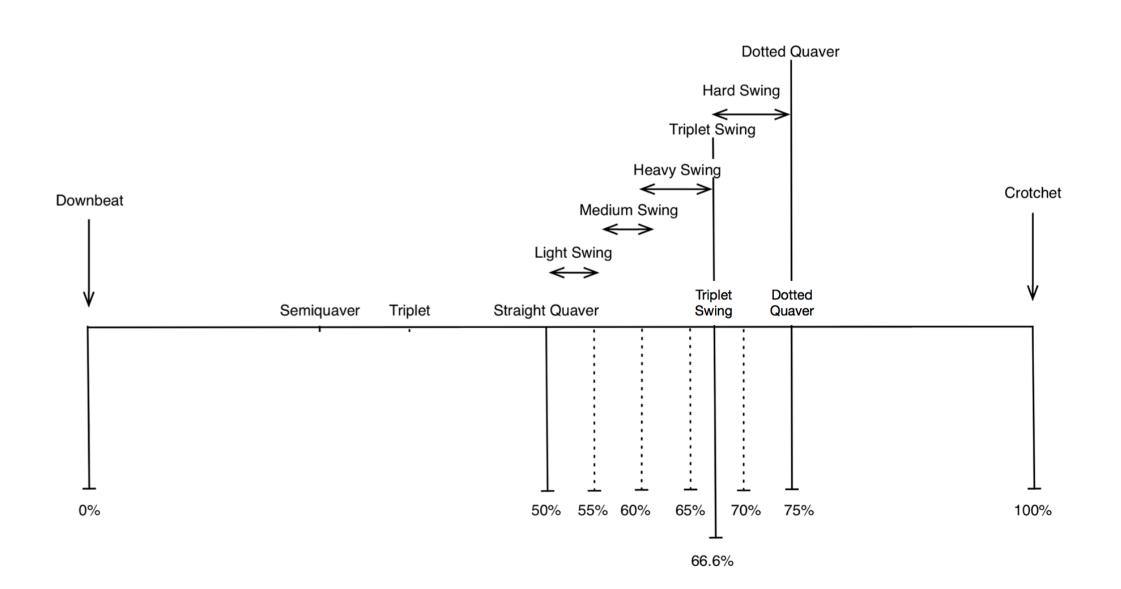
Asymettry in Upbeat Weighting



Objective Swing



Expressive Continuum



Expression between the Cracks 'Swing Temperament'



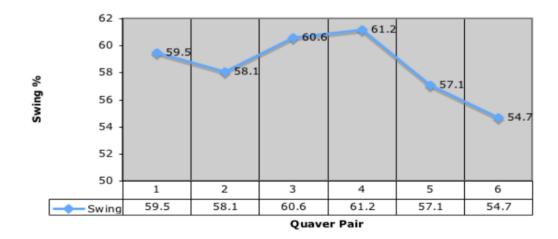


Figure 3.1.2. Swing values for each quaver pair in Reinhardt's phrase.

Expression between the Cracks 'Swing Temperament'



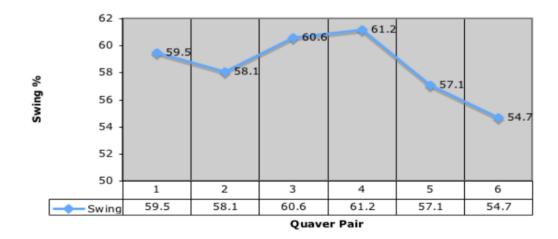
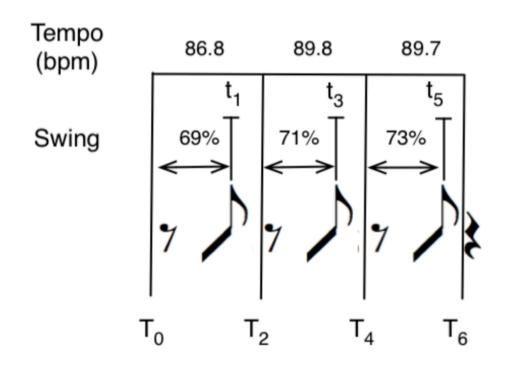
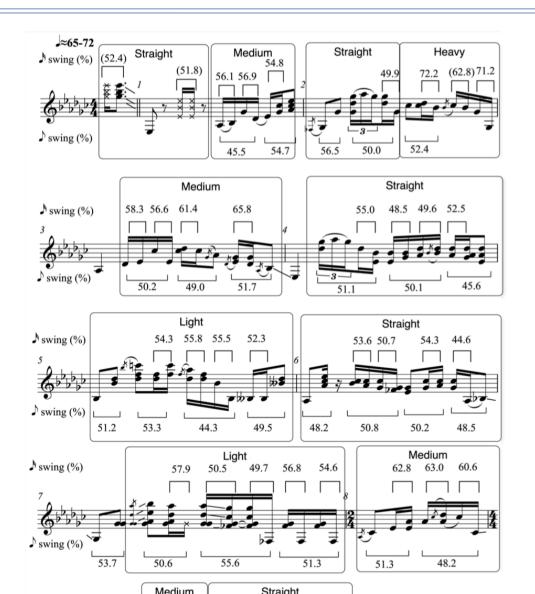


Figure 3.1.2. Swing values for each quaver pair in Reinhardt's phrase.

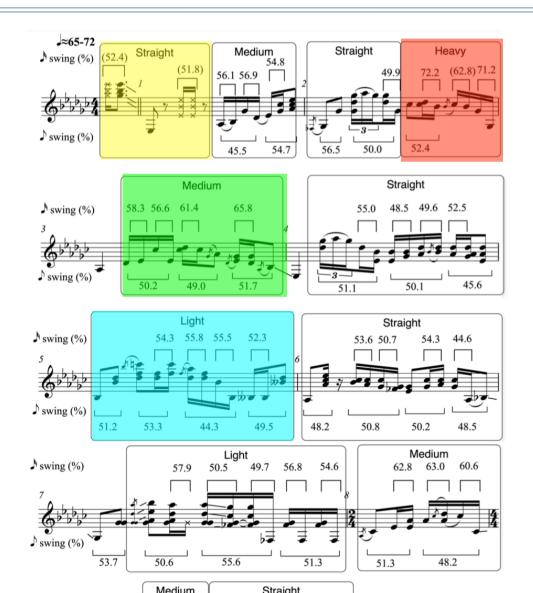
Expression between the Cracks



Dynamic Swing Mechanisms



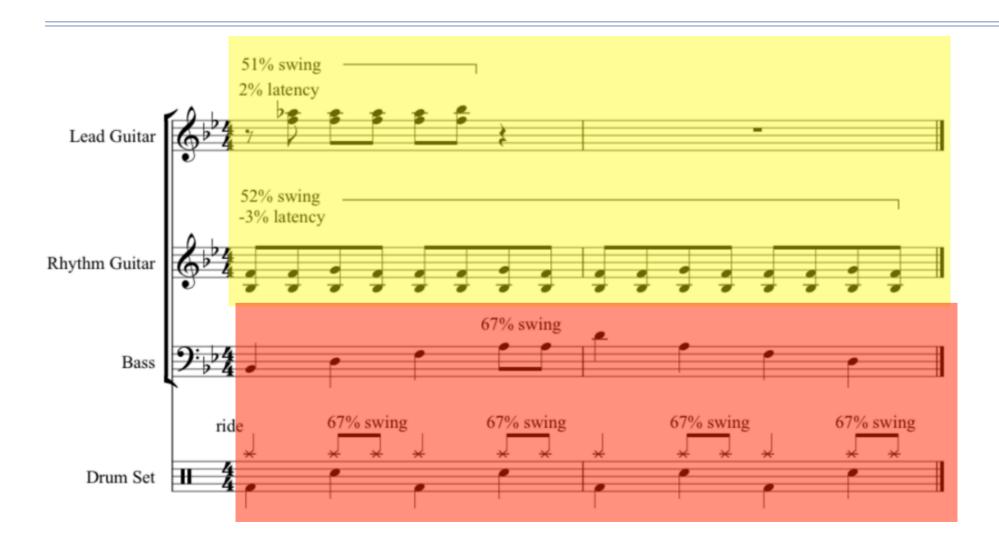
Dynamic Swing Mechanisms



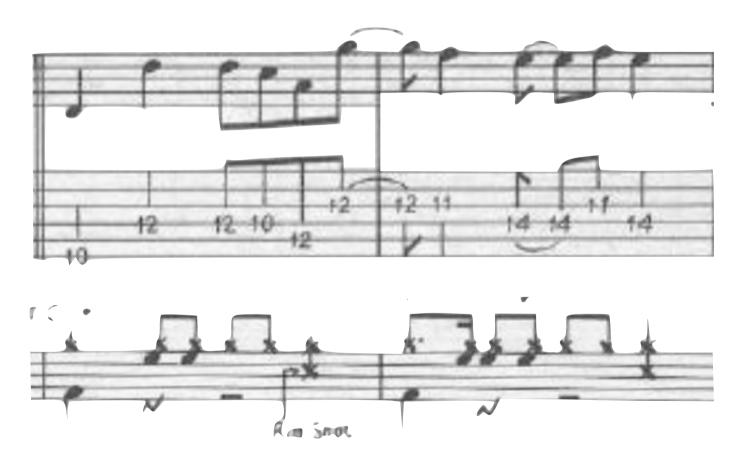
Dynamic Swing Mechanisms



Swing Friction



Swing Friction

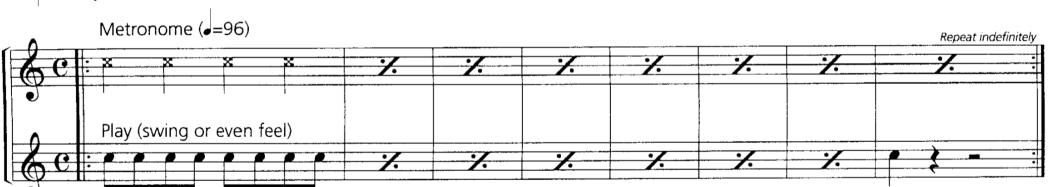


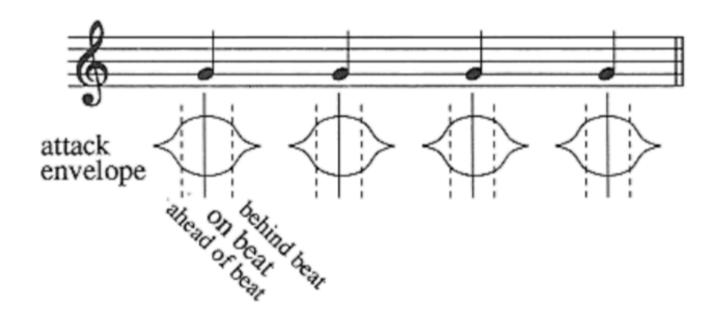
Nailing Swing



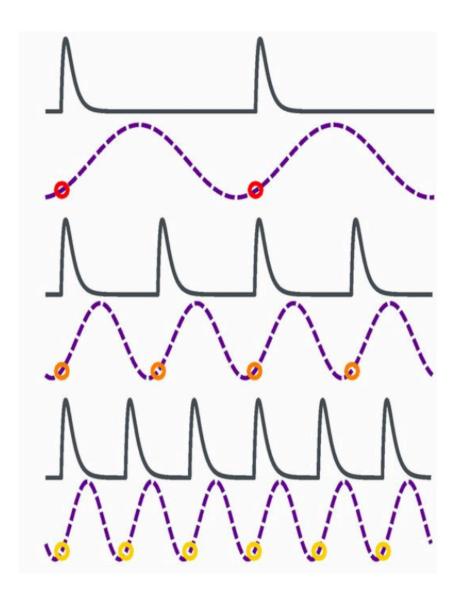
Swing (Lack of) Pedagogy

Example II:1R

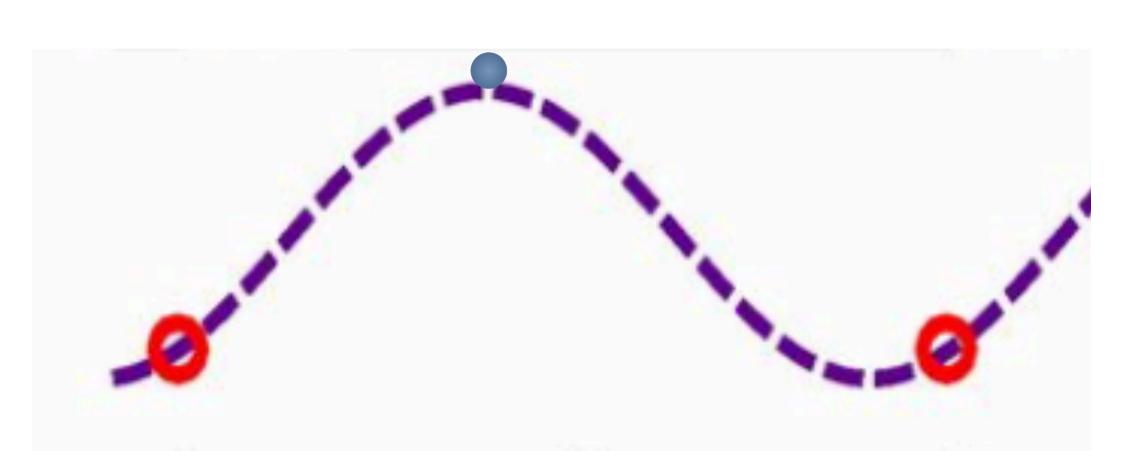




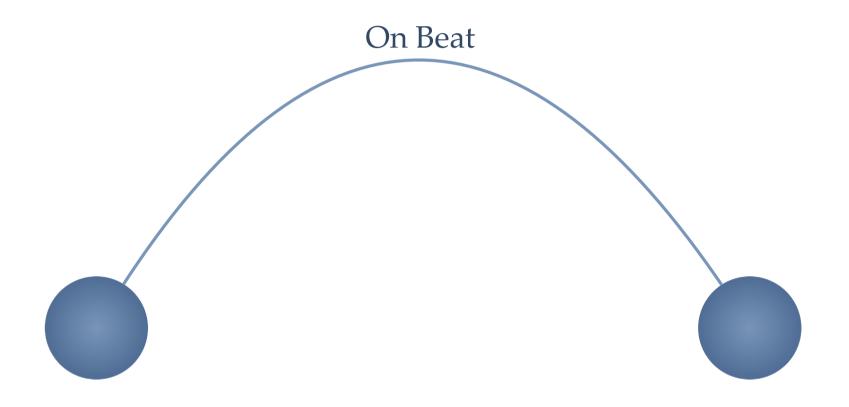
Mingus, cited in Berliner 1996, p 96

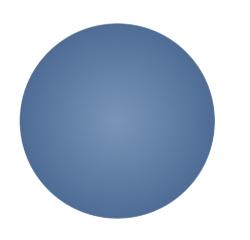


Doelling et. Al (2019)

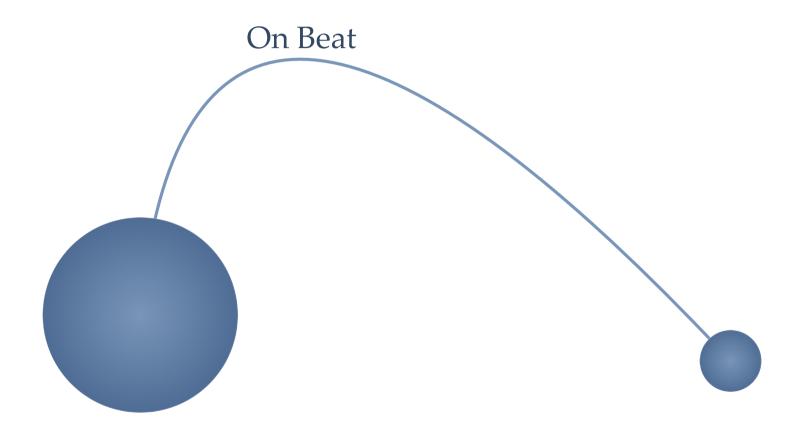


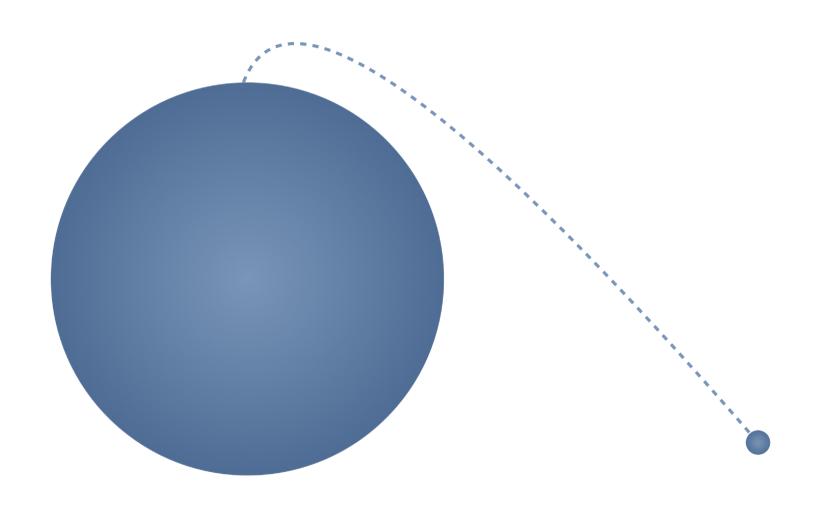
Beat Negotiation

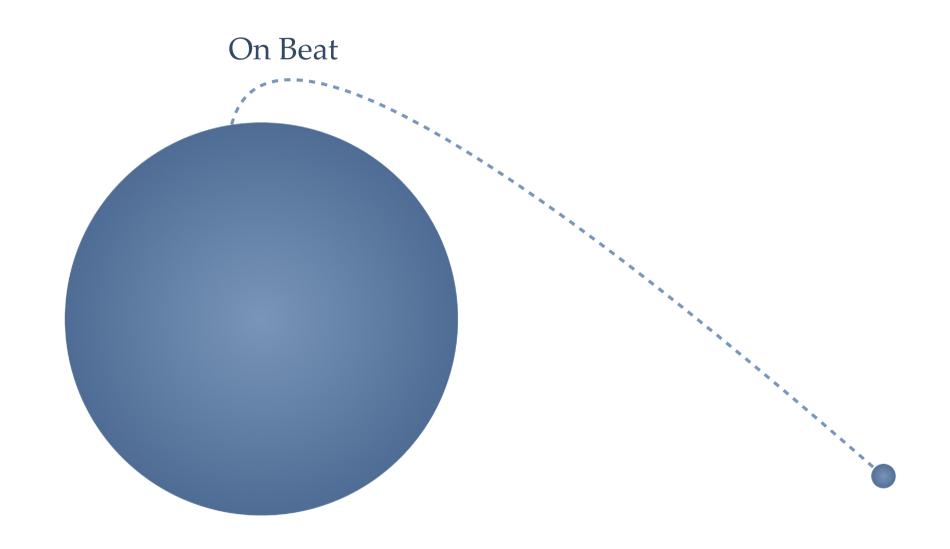




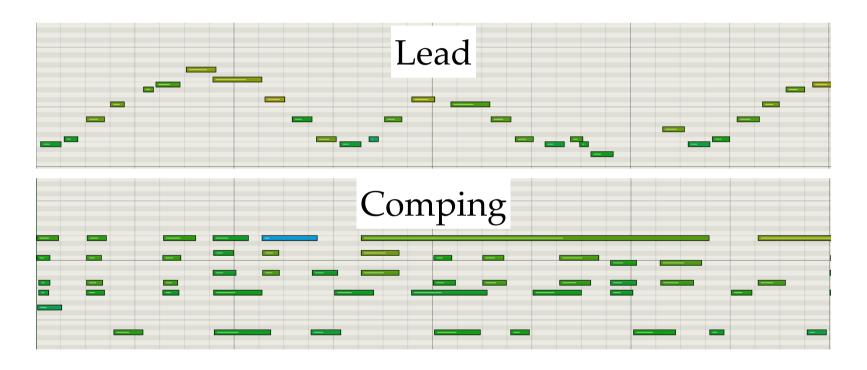




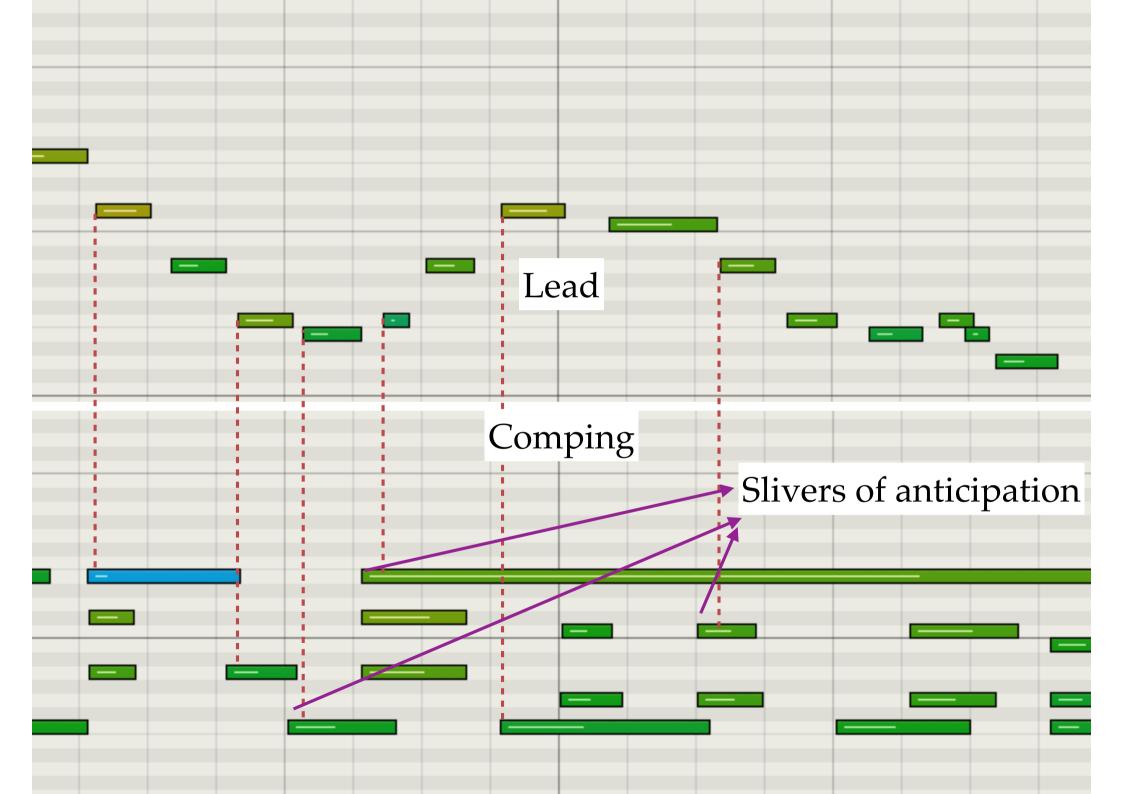


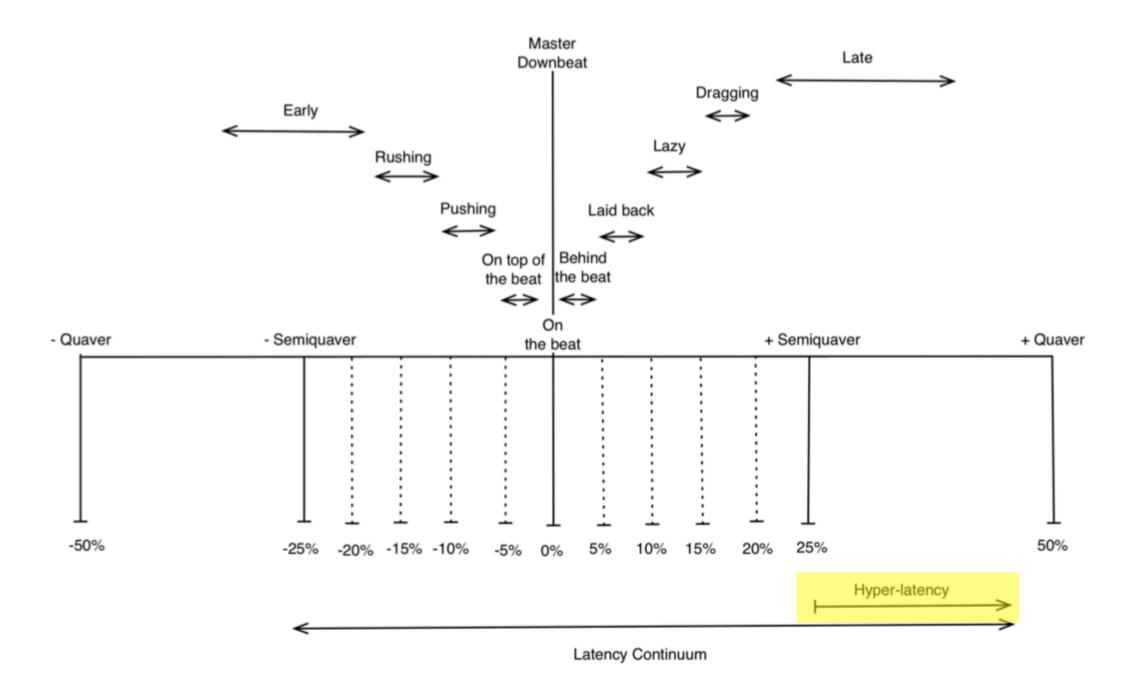


Latency by ensemble role

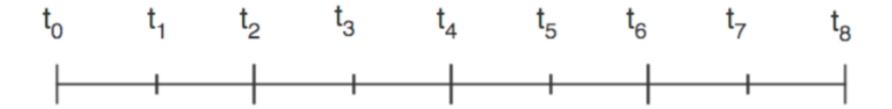


Steve Hamilton on Seta Para Una (Mermikides 2014)

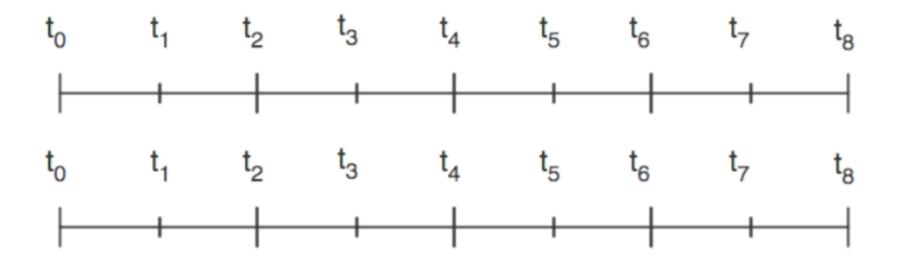


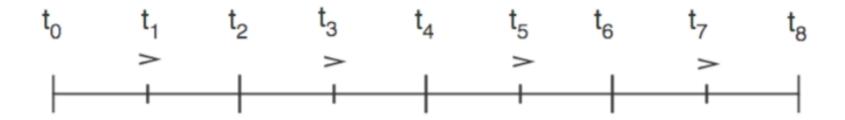


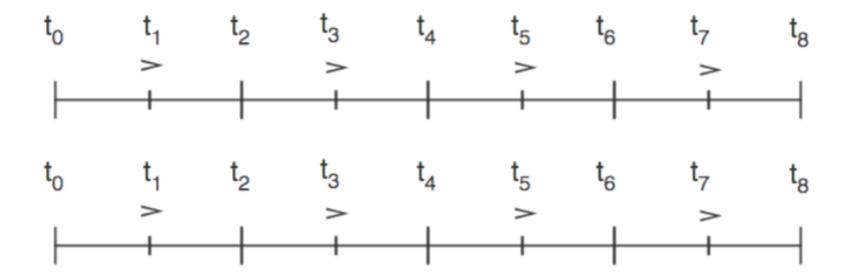
Hyperlatency

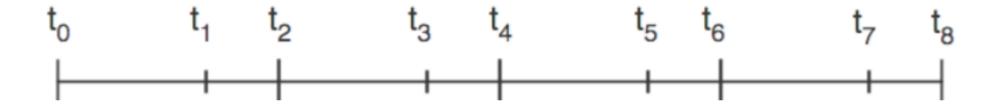


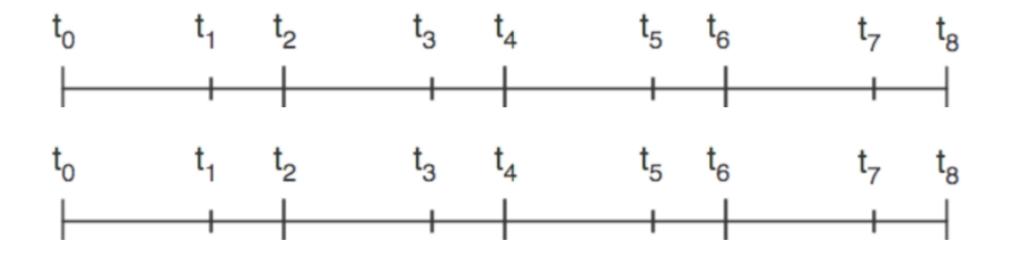
Hyperlatency



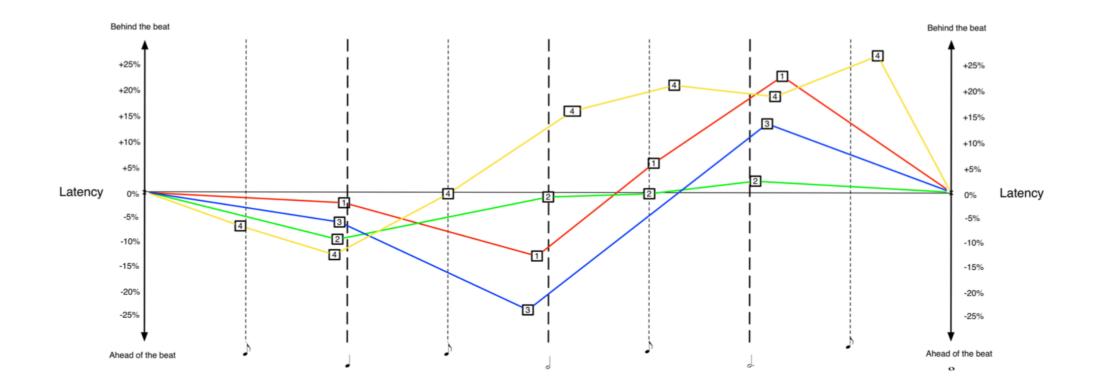




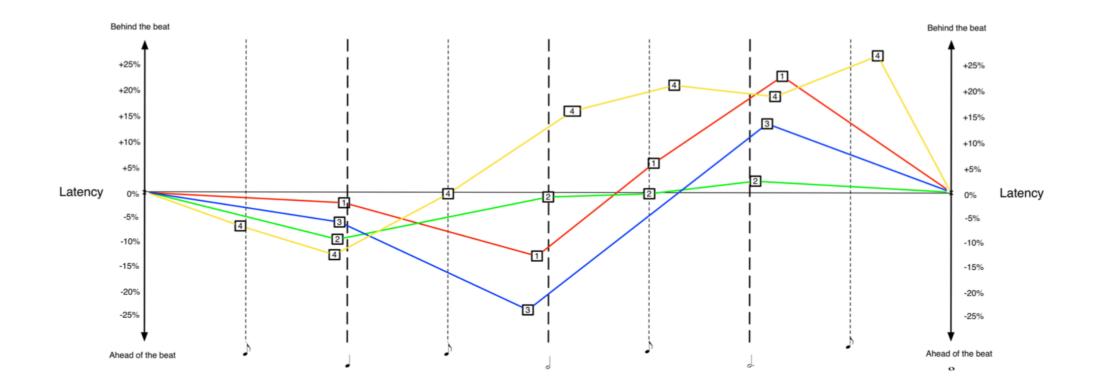


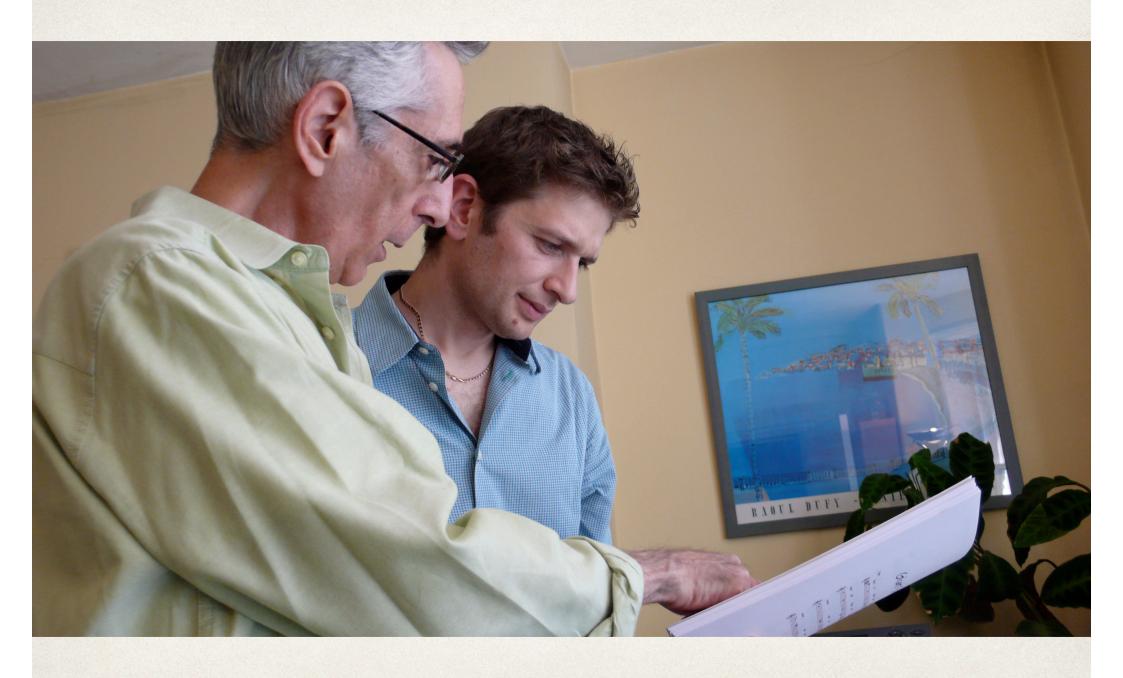


Dynamic Latency

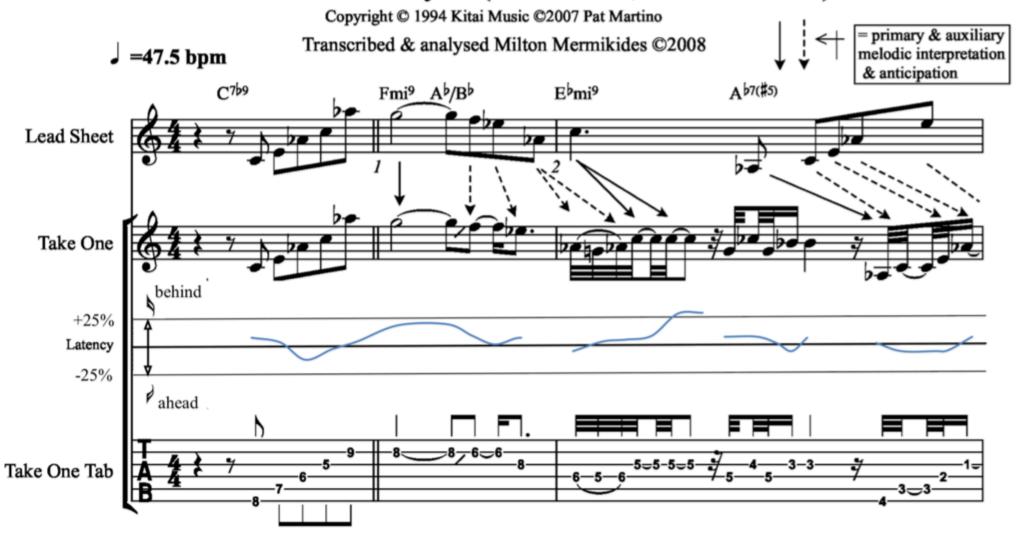


Dynamic Latency

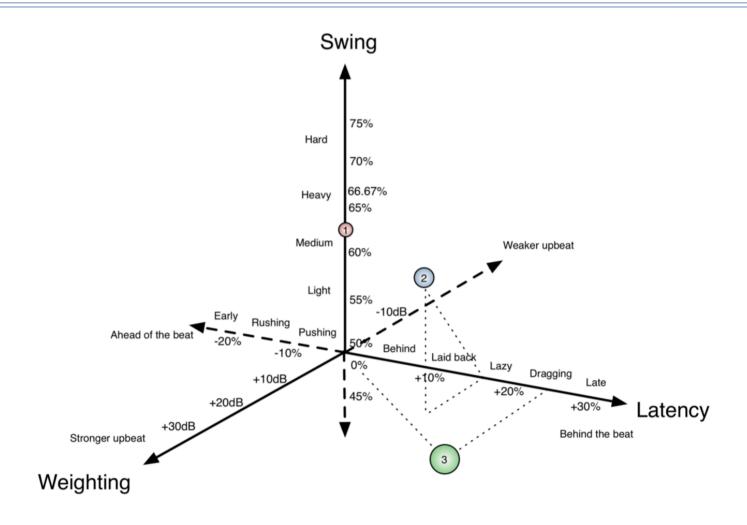


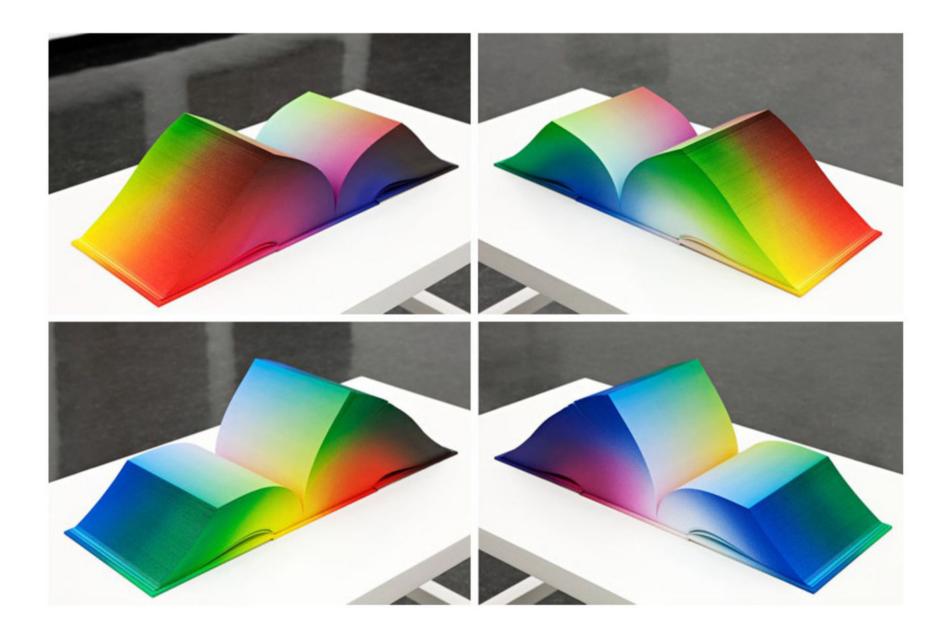


Welcome To A Prayer (Take One, Chorus One)

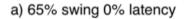


Feel Pantone





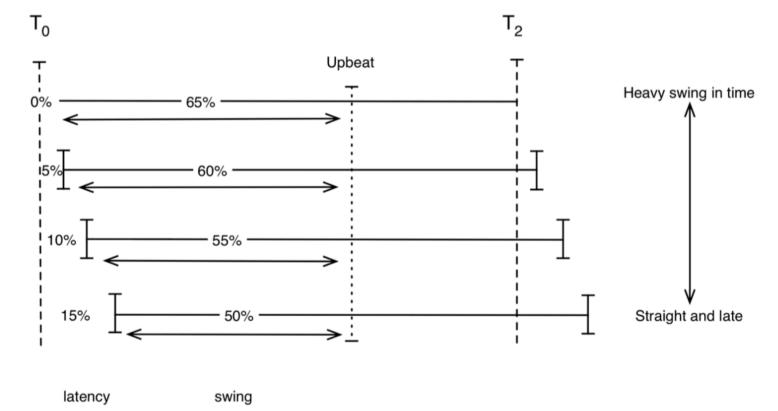
Swing and Latency



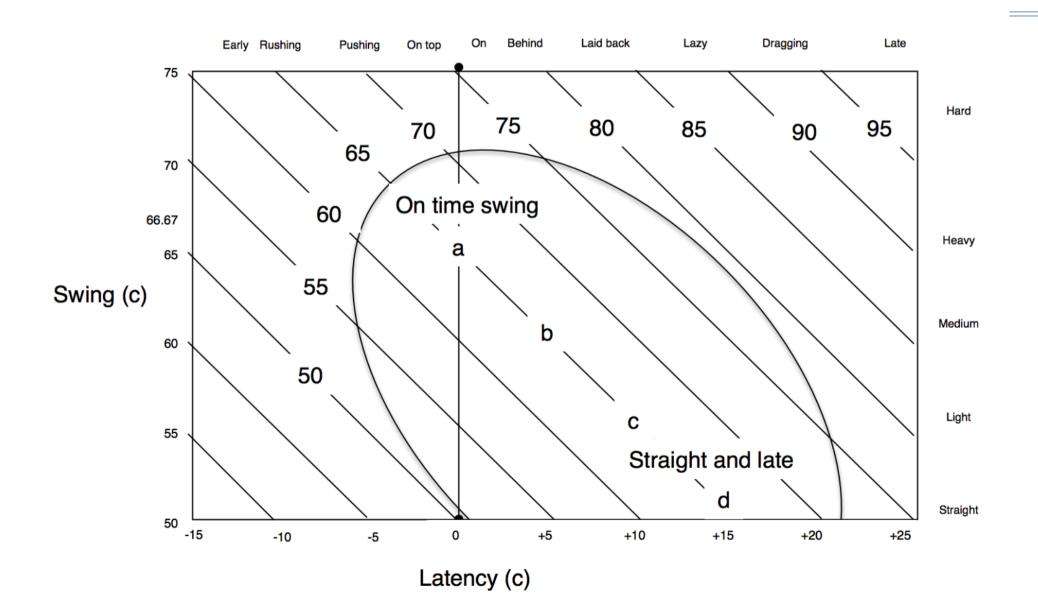
b) 60% swing 5% latency

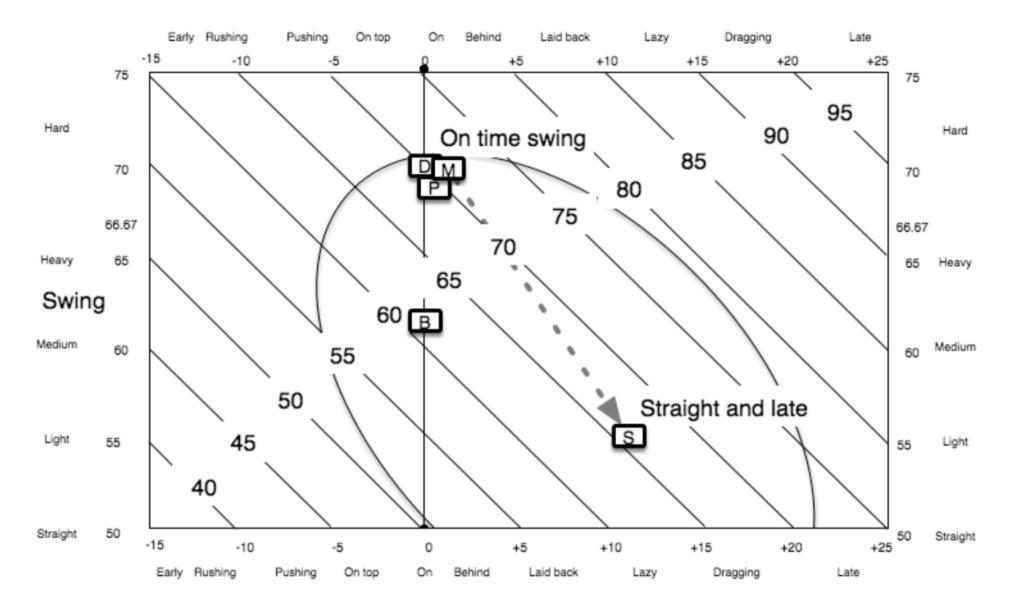
c) 55% swing 10% latency

d) 50% swing 0% latency

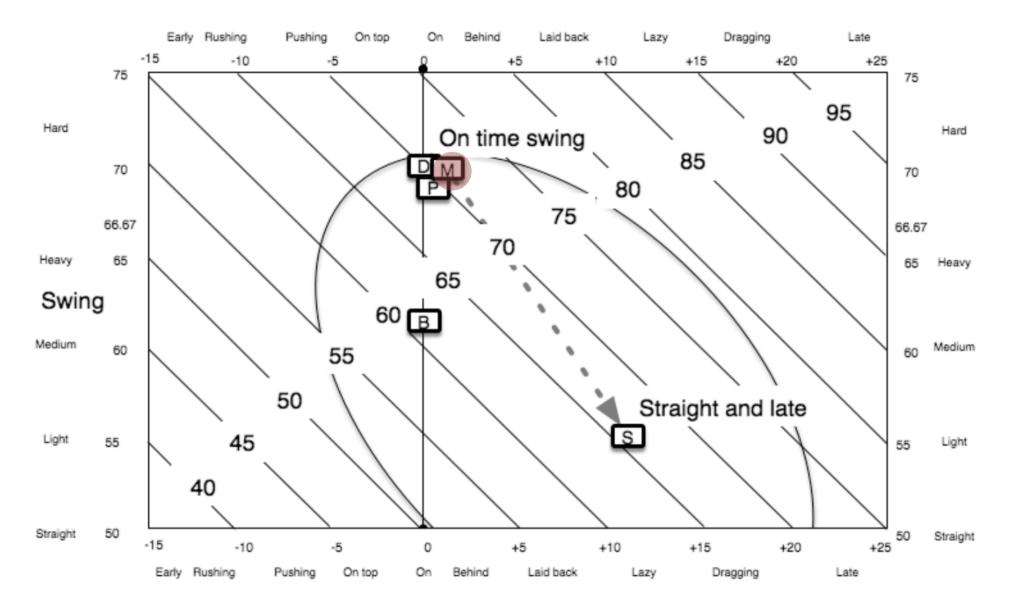


Swing and Latency



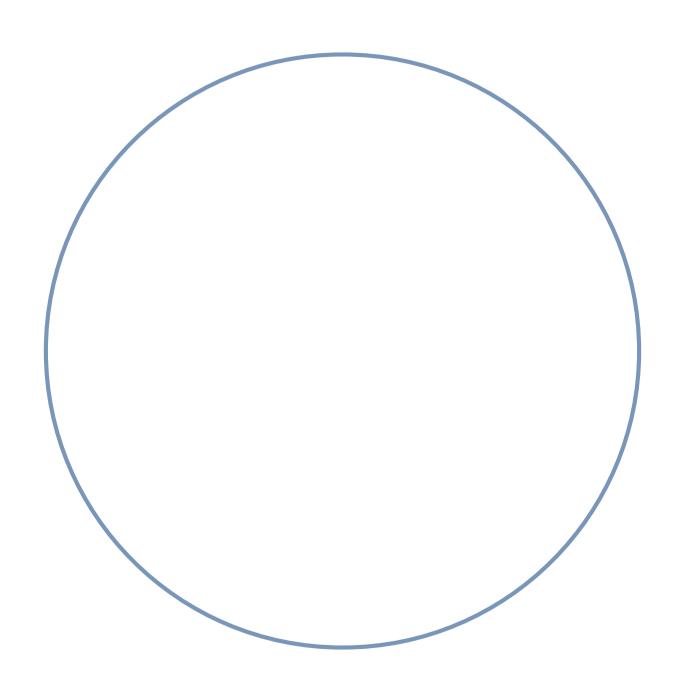


Latency

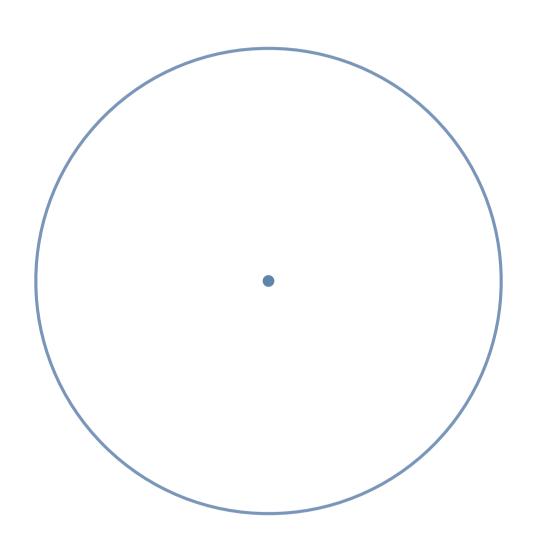


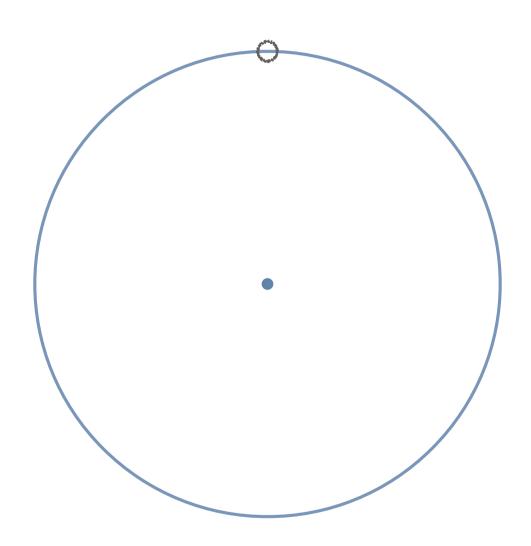
Latency

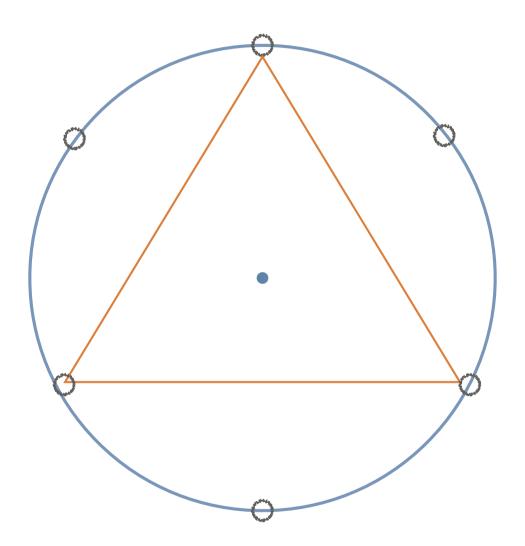
Notating Time

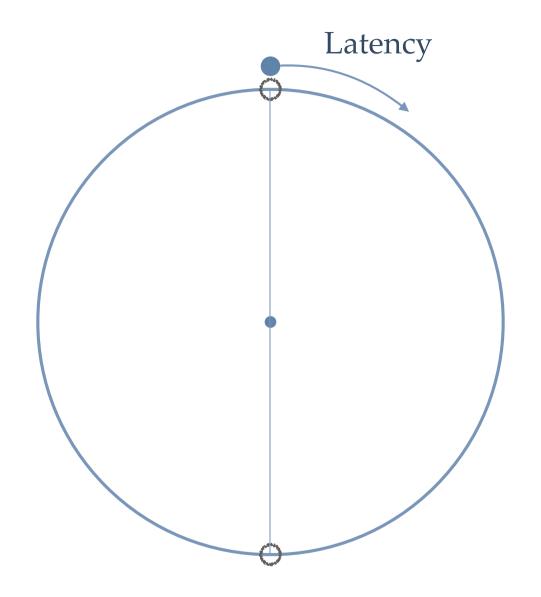


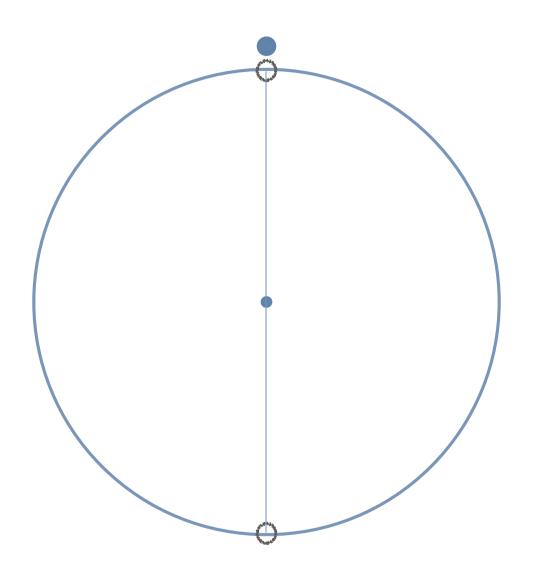
I use the term "rotary perception." If you get a mental picture of the beat existing within a circle you're more free to improvise. People used to think the notes had to fall on the centre of the beats in the bar at intervals like a metronome, with three or four men in the rhythm section accenting the same pulse. That's like parade music or dance music. But imagine a circle surrounding each beat- each guy can play his notes anywhere in that circle and it gives him a feeling he has more space. The notes fall anywhere inside the circle but the original feeling for the beat doesn't change.

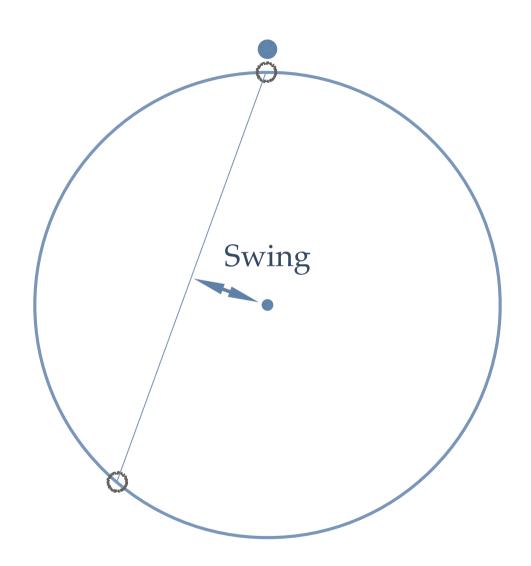


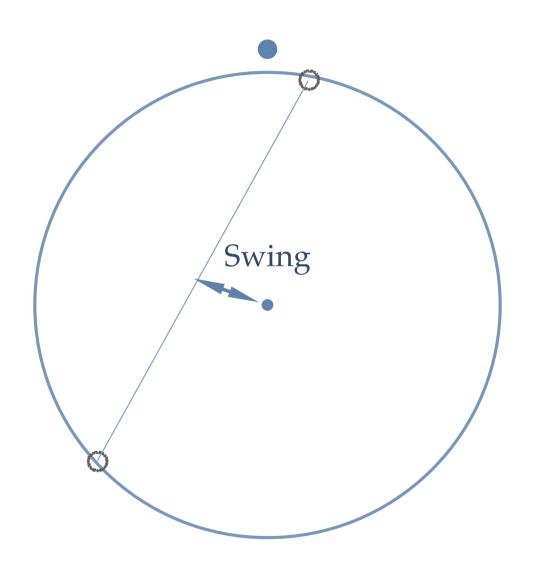


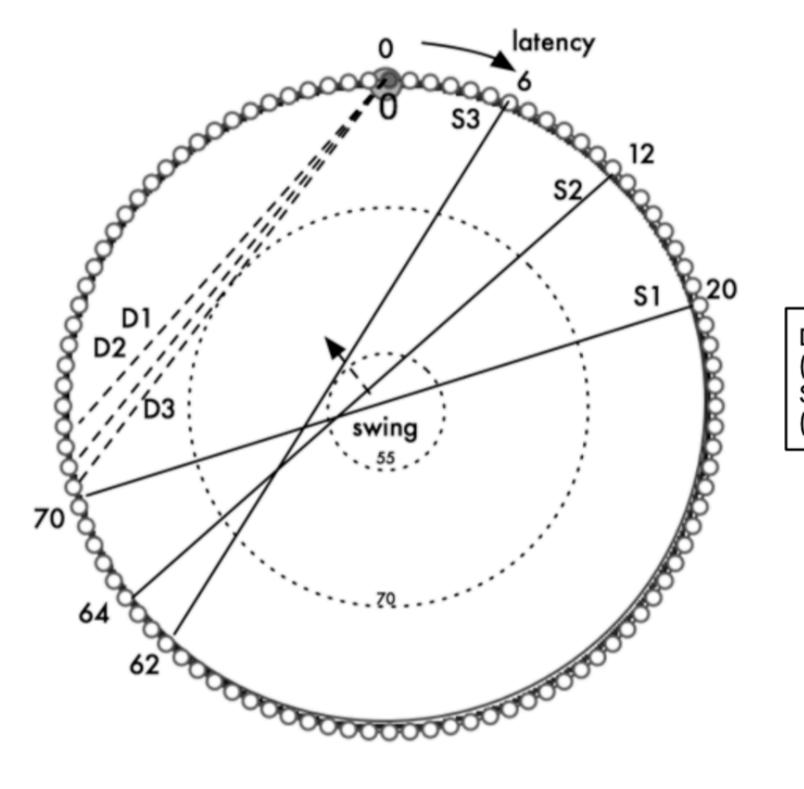






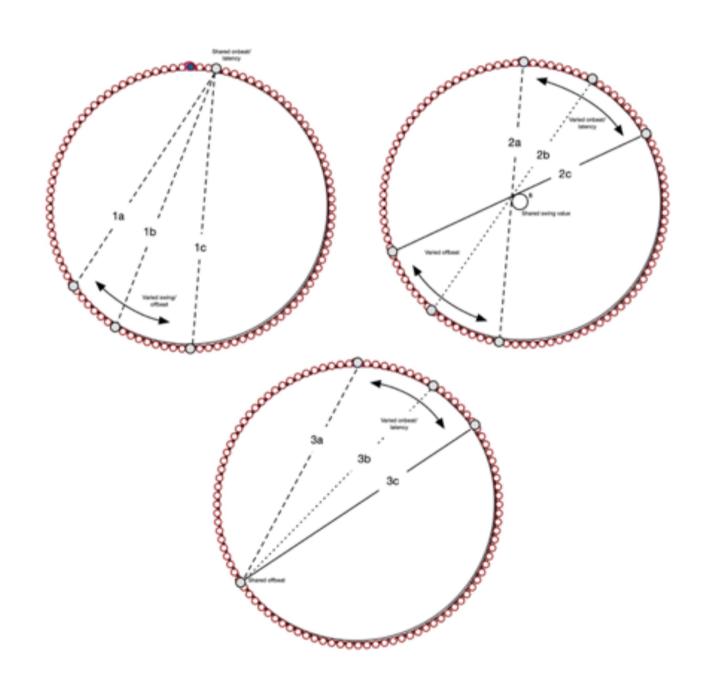




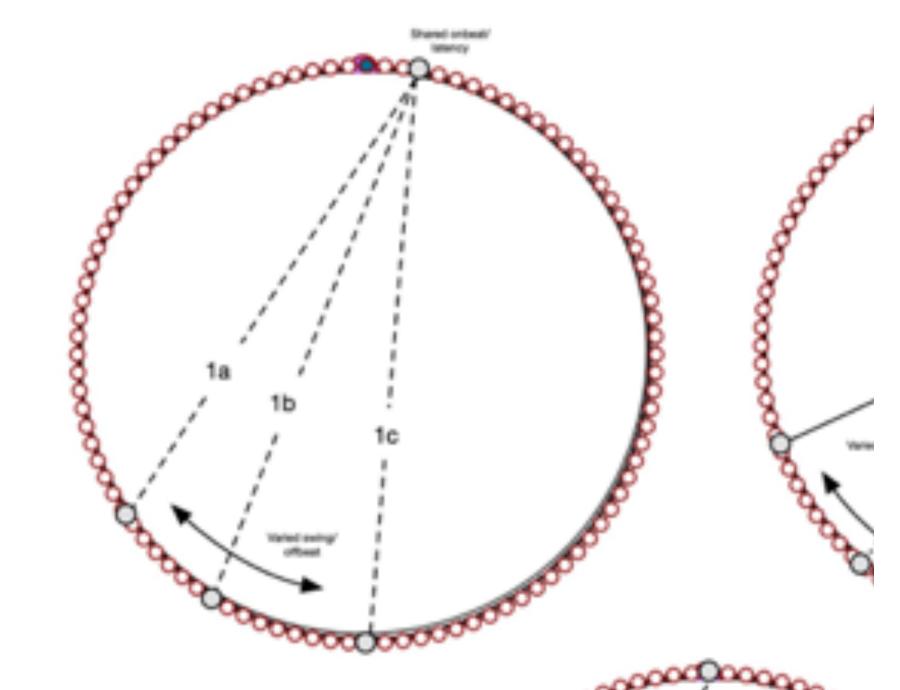


D1-3 Drums (phrases 1-3) S1-3 Saxophone (phrases 1-3)

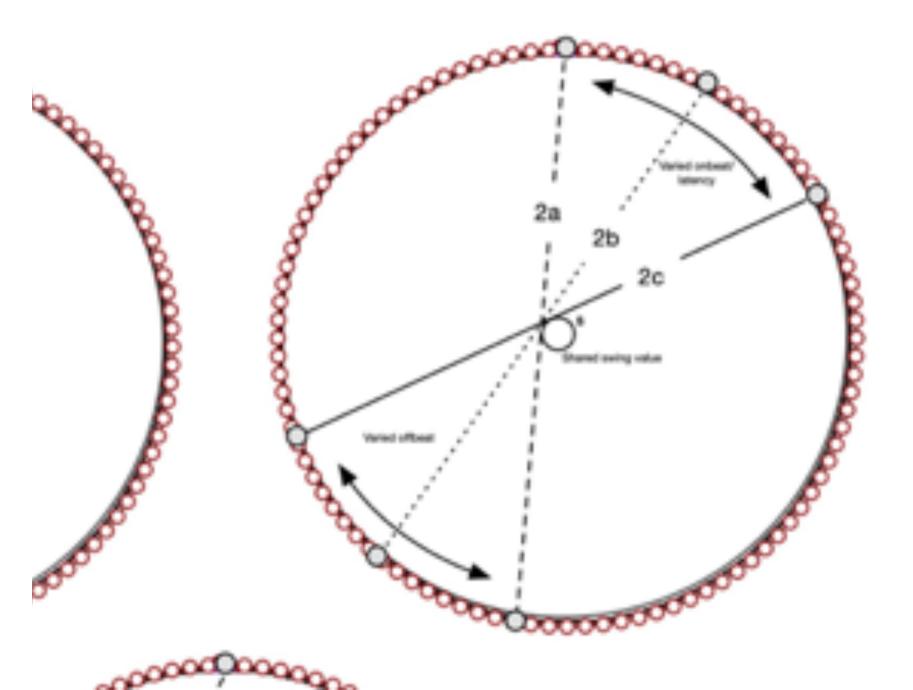
Time Feel Modulations

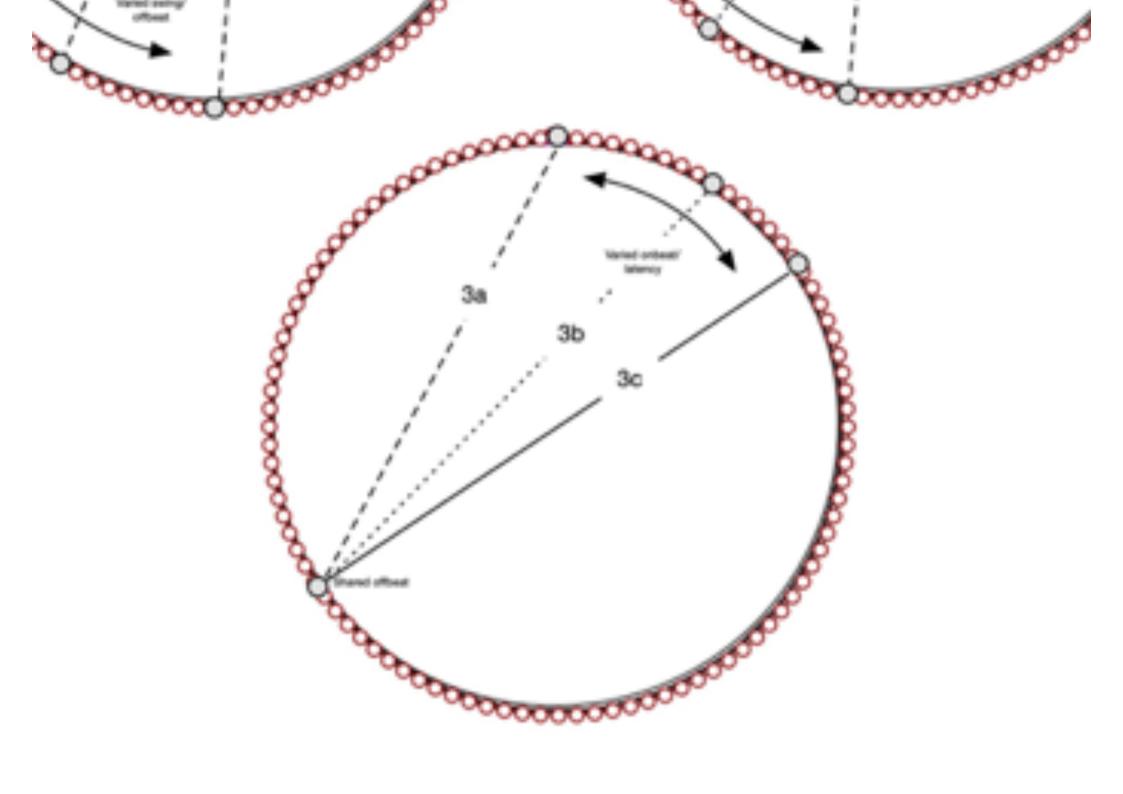


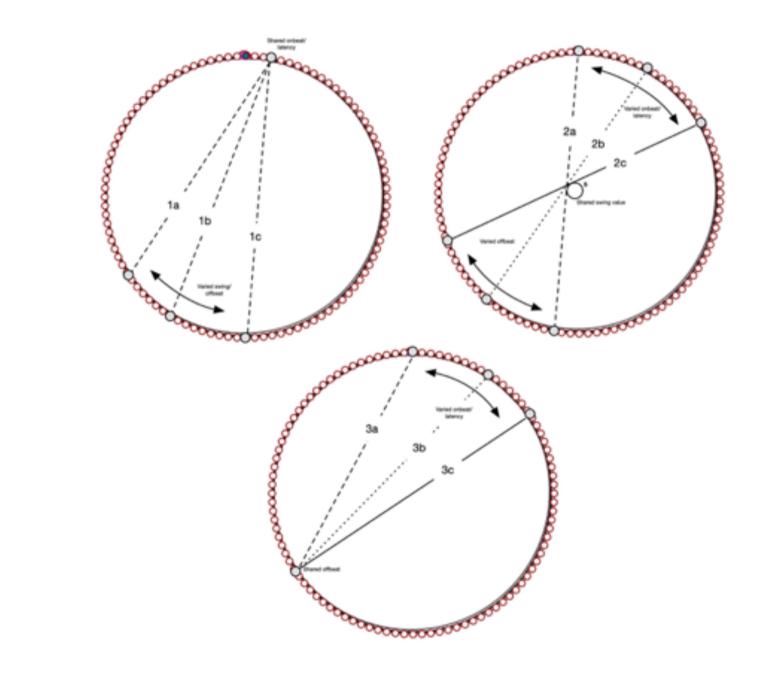
Time Feel Modulations



Time Feel Modulations







The Limits of Conscious Perception

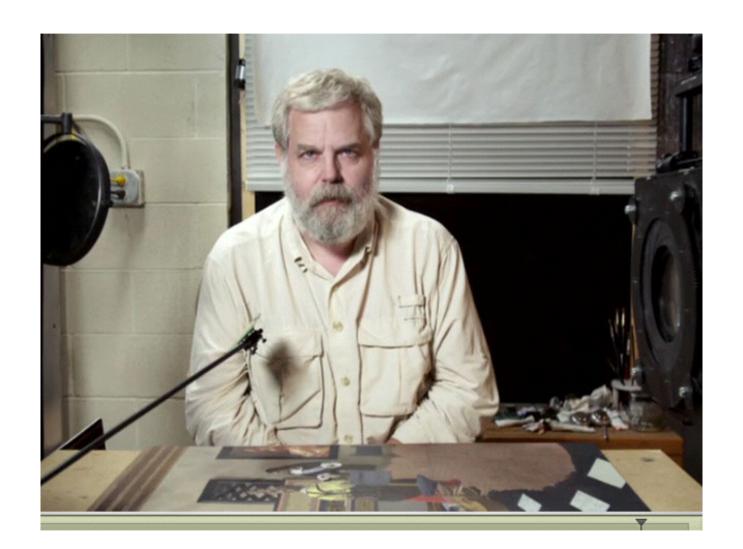
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Your Life is an illusion

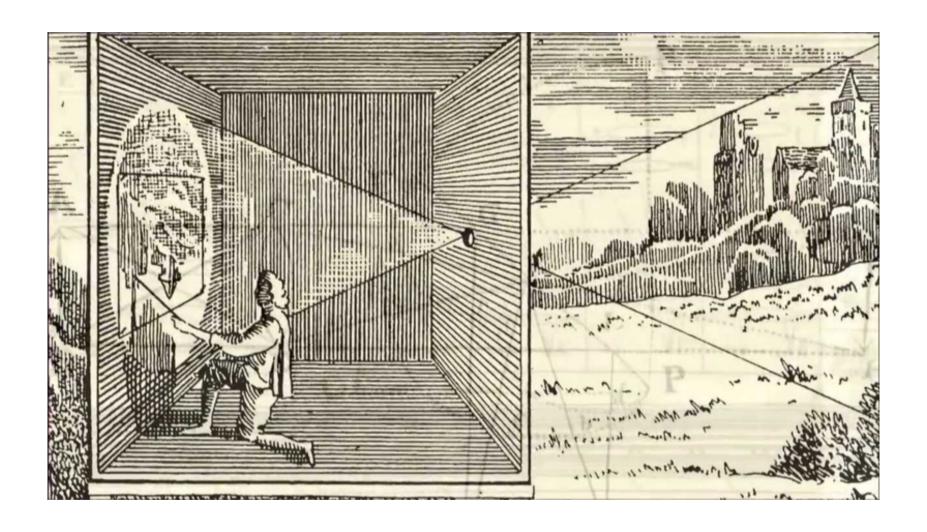














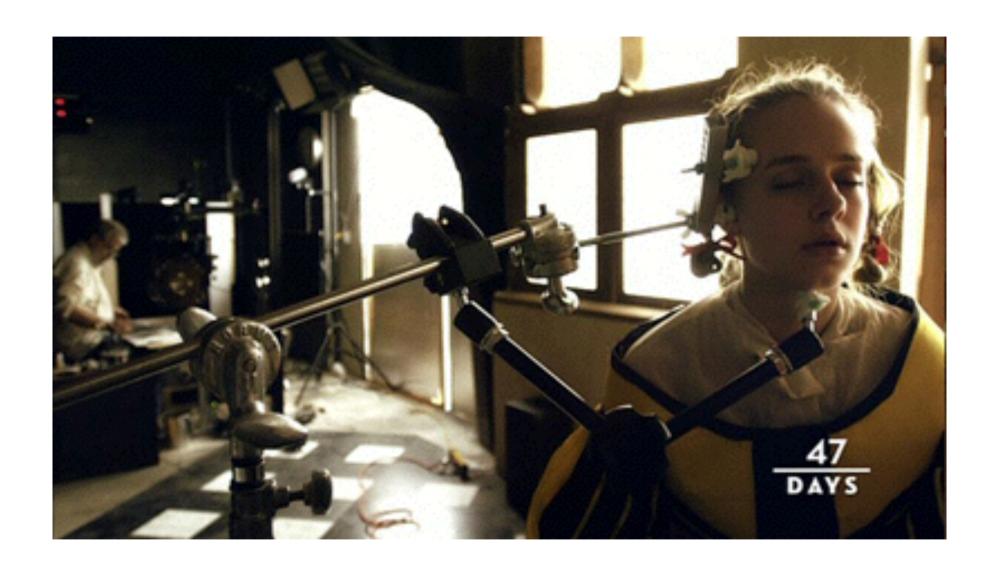


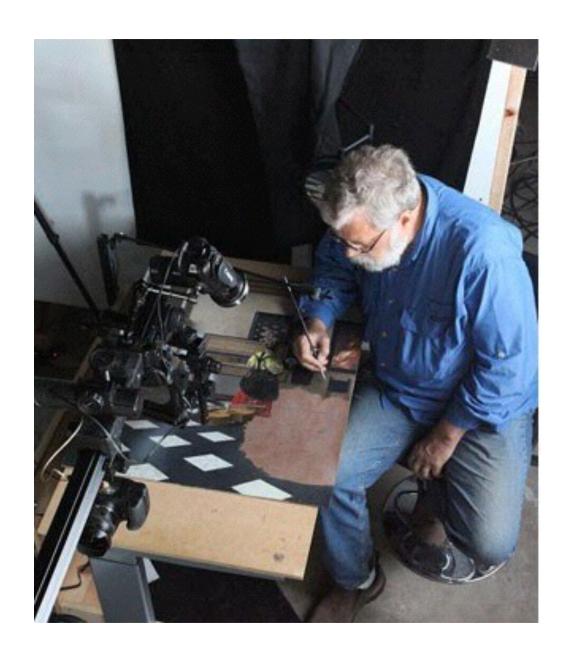






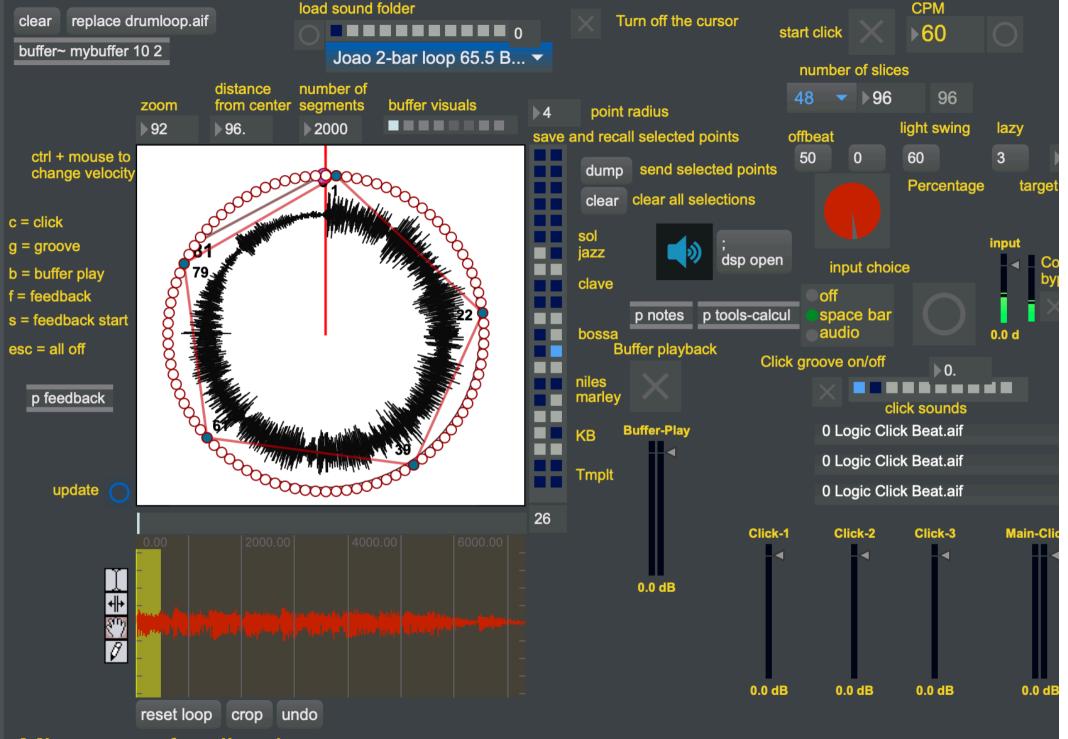






Technology as Insight

#nofilter



Mingus - a feedback metronometion: Milton Mermikides and Carl Faia miltonline@me.com

Programming: Carl Faia and Milton Mermikides cf@carlfaia.com

