

Adumbration



Adumbration [String Quartet 2]

Seg -

Crescendo tanko ($\text{fing} = 4, 3, 5, 2\downarrow$, Semiminima = 16)
approx golden ratio

PP + scratch

Seg - A

unison rhythm. difference tones or just tuned C7-g above C4
depth 1 SFP < FF | depth 3 SFP < F | cluster P

Seg - B

C#  vln 1

C7  pizz vln 2 ... v2 slow bow flg
C 0  9th harmonic vc

Seg - C

Crescendo - reverse Josephus (all instruments in 1st pos)

Sp   Slurs P → FF → P ↴

what about 12?

Superparticulars 11/13/14/15/16

$$\left(\begin{array}{c} 5 & 3 & 1 & 7 \\ 7 & 1 & 1 & 1 \\ 9 & & & \end{array} \right)$$

Combination multiples?

$$\left\{ \begin{array}{c} 1, 1, 9, 11, 25 \\ (1,1) (1,11) (9,25) (11,25) (9,11) (1,25) (1,9) \\ 1 \quad 11 \quad 225 \quad 275 \quad 99 \quad 25 \quad 9 \end{array} \right.$$

$$\left\{ \frac{1}{1}, \frac{275}{256}, \frac{9}{8}, \frac{11}{8}, \frac{99}{64}, \frac{25}{16}, \frac{225}{128} \right\}$$

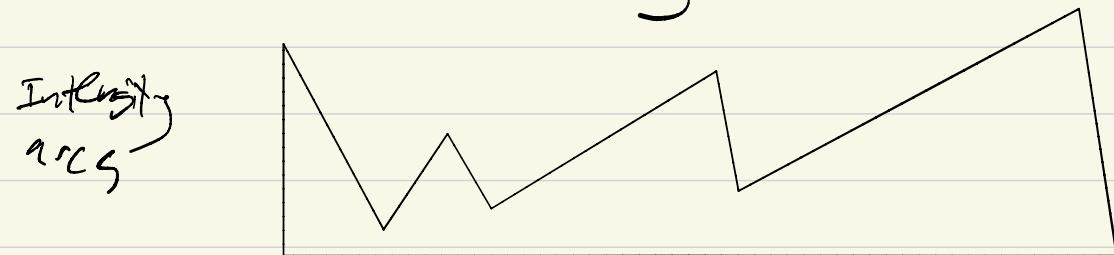
silver and gold ratios?

Fernandez

Adumbration: foreshadowing, outline, shadow and haze

2 things: a shadow and the thing itself.

Narrative Form: main story with side stories and digression

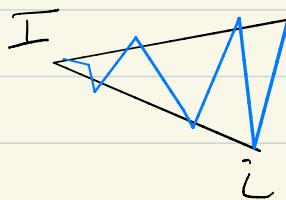


Golden ratio vs silver ratio
fibonacci | Pell

Alternation between bimatic

New Riemannian theory $M-m-M-m-M\dots$

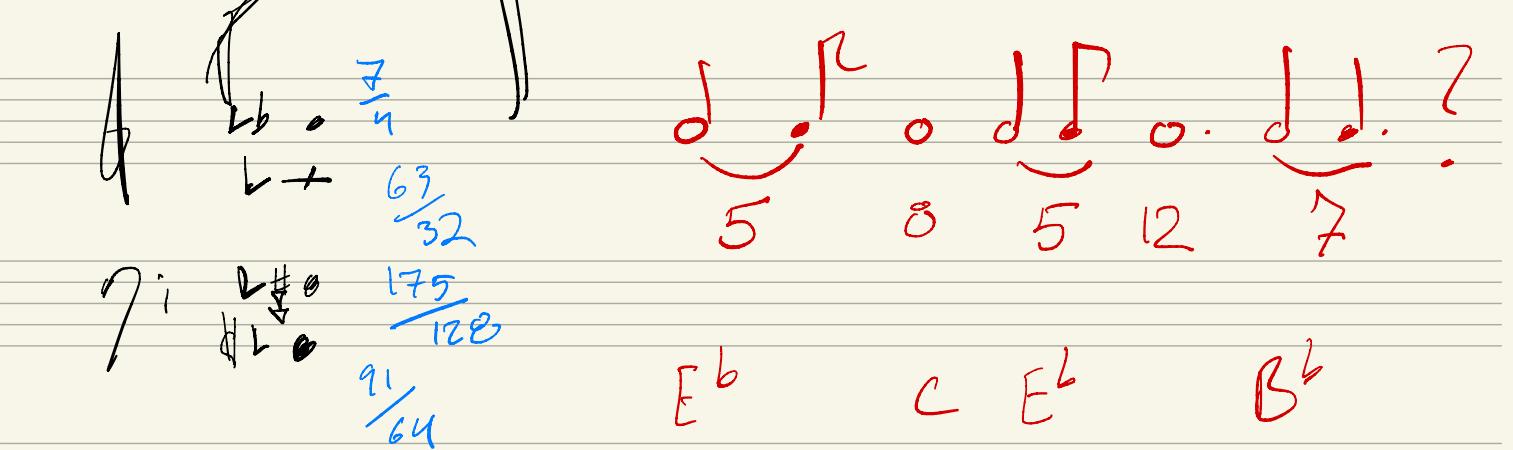
Dynamism



Preserve common tones

P, L, R, Slide ...

$\{$	$1, 7, 9, 13, 25 \text{ CM}$												
ϕ	$+0\%$	$+4\%$	$+13\%$	$+11\%$	$+9\%$	-27%	$+41\%$	-31%	-23%	$+44\%$	-27%		
ϕ	$+0$	$+$	$-$	$-$	$-$	$#$	$-$	b	$-$	b	$-$	b	$-$
$/$	$+0$	$+4$	-87	-59	-91	-27	-59	-31	-23	-56	-27		
ϕ	$+0$	$-$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$
ϕ	$+0$	$-$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$	$\#$
$\frac{1}{1}$	$\frac{9}{8}$	$\frac{325}{256}$	$\frac{175}{128}$	$\frac{91}{64}$	$\frac{25}{16}$	$\frac{13}{8}$	$\frac{7}{4}$	$\frac{225}{128}$	$\frac{117}{64}$	$\frac{63}{32}$			



Temp:

$$J = 115$$
$$J = 153\frac{1}{3}$$
$$J = J \cdot 3:\frac{2}{3} \rightarrow J = 102\frac{2}{9}$$

$$J = 76\frac{2}{3}$$
$$J = 51\frac{1}{9}$$

$$J = 153\frac{1}{3} = J \cdot 102\frac{2}{9}$$

$$J = 57\frac{1}{2}$$

(use J)

$$J = 38\frac{1}{3}$$

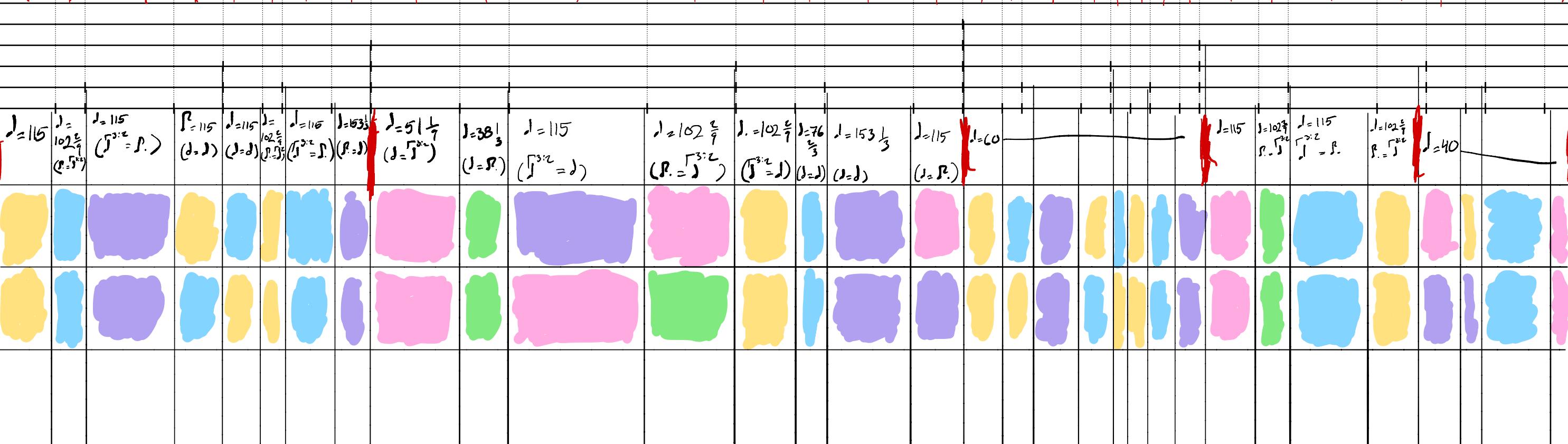
$$J = 38\frac{1}{3} = J \cdot 51\frac{1}{9}$$

$$J = 153\frac{1}{3}$$
$$J = 115$$
$$J = 102\frac{2}{9}$$
$$J = 115$$
$$J = 76\frac{2}{3}$$
$$J = 51\frac{1}{9}$$
$$J = 38\frac{1}{3}$$

0:00 | 0:45 | 1:07 | 2:15 | 2:52 | 3:22 | 3:57 | 4:15 | 4:45 | 5:52 | 6:30 | 8:15 | 9:22 | 10:07 | 10:20 | 11:37 | 12:15 | 12:45 | 13:00 | 13:45 | 14:09 | 14:22 | 14:37 | 15:00 | 15:15 | 15:45 | 16:00 | 16:22 | 17:30 | 18:07 | 18:37 | 18:52 | 19:37 | 20:00

0 3 9 17 47 49 51 55 113 115 117 15 16 35 145 149 149 151 157 157 20

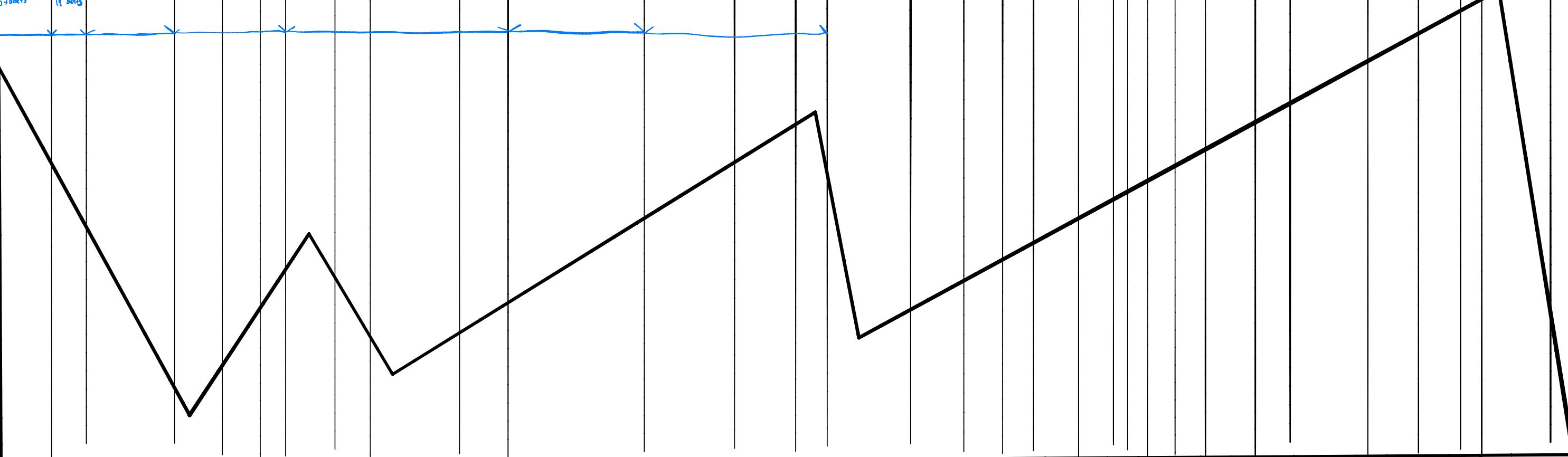
T
R
P



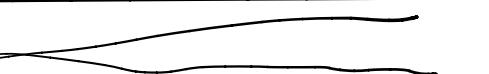
22" 11" 34" 18" 15" 7" 19" 15" 33" 19" 52" + 40 = 92" 32" 22" 11" 33" 19" 15" 7" 22" 11" 34" + 60 = 84" 18" 15" 7" 22" 11" 11" 11" 11" 11" 11" 11" 11" 11" 11" 11" 11" 11" 11" 11" 11" 11"

14 + 8
56 + ?
57 beats
17 beats

Segments



ff == pp < p > pp



mf > pp

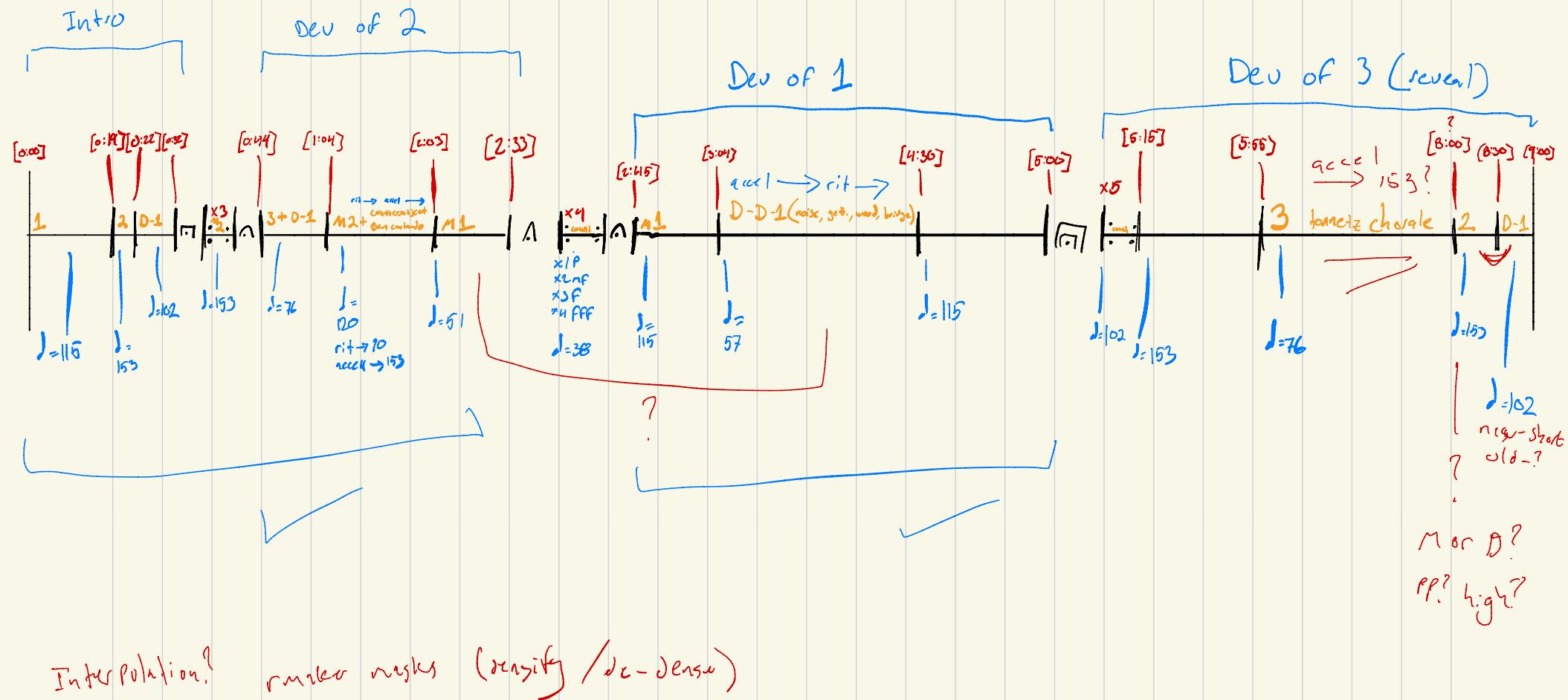


ffff > f

Adumbration

D = derivation (likely not noticeable)

M = mutation (obviously connected)

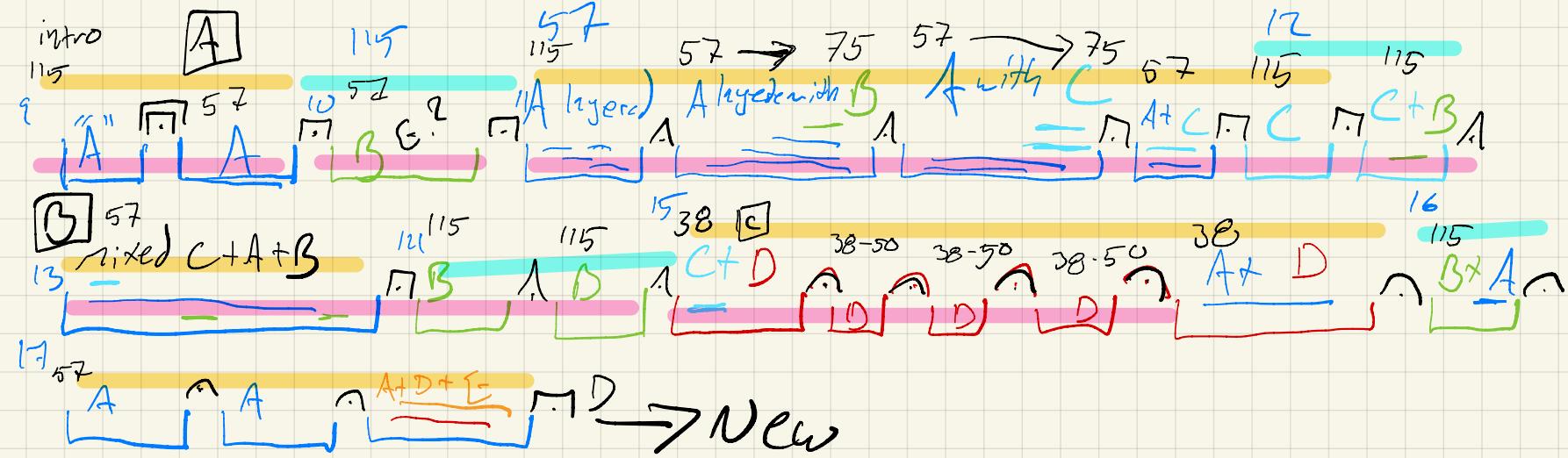


bath?
arrival?

Continuous
"organic"

Dramatic
sudden

develop
red?



Dev of 1 outline

too exposition?

E = Natural harmonic Gliss

D = Slow bow (optional gliss?) -

C = Grett and noise

B = Flurries (grett?) (finger percussion?) - invert flurries (Forget=True)

A = trem / circular bow / repetitions (pizz)

Seg 2C

