# **Pattashuggah**

Rhythm patterns from some Meshuggah songs. Contribute to the Github project.

Contradictions Collapse - None - Destroy Erase Improve - Chaosphere - Nothing - Catch Thirtythree - obZen - Koloss - The Violent Sleep Of Reason - Immutable

Important notice: These are not drums scores. By far.

Choices were made to make these patterns good hands exercises. Try to beat ostinatos with your feet though (16ths, 8ths, quarters or even half notes), or keep a steady beat with your weak foot and play the kick in unison with your strong hand.

Better yet: count the beats out loud (8ths, quarters...) ala Konnakol (cf this clip).

The following table gives you the meaning of the characters used in a pattern description. Space characters are only used to group by meaningful chunks.

Code	Right lead	Left lead						
X	R	L						
О	L	R						
+	r	1						
-	1	r						

Right below each pattern is a « count ruler » to help you navigate in the pattern :

Patterns of 128 notes or more are displayed on several lines. The split occurs brutally at the ninth beat (or similar beat) even if it splits a chunk. Usually at this place in the pattern nothing unexpected happens.

BPM information may also be provided for some songs. Some people will simply use the terms «double-time» or «half-time» instead of changing the BPM by a factor of 2. I respect this but that's not what I usually do! Basically the snare for me will always be on beats 2 and 4. Nevertheless, some song (especially from Chaosphere: like MLWYB and Sane) don't have such regular snare hits so it's not clear if there really is a tempo change. I sometimes had to watch live footage to clear things up (like decide between 140 and 70 for Glints Collide).

Number of tempo changes by album: TODO!

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# **Contradictions Collapse (1991)**

- 1. Paralyzing Ignorance
- 2. Erroneous Manipulation
- 3. Abnegating Cecity
- 4. Internal Evidence
- 5. Qualms Of Reality
- 6. We'll Never See The Day
- 7. Greed
- 8. Choirs Of Devastation
- 9. Cadaverous Mastication

# None (1994)

- 1. Humiliative
- 2. Sickening
- 3. Ritual
- 4. Gods Of Rapture
- 5. Aztec Two-Step

# **Destroy Erase Improve (1995)**

- 1. Future Breed Machine
- 2. Beneath
- 3. Soul Burn
- 4. Transfixion
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- 10. Sublevels

# Chaosphere (1998)

- 1. Concatenation BPM: 146
- 2. New Millennium Cyanide Christ BPM: 77
- 3. Corridor Of Chameleons BPMs: 172, 86 (list)
- 4. Neurotica BPM: 103
- 5. The Mouth Licking What You've Bled BPMs: 76, 152 (list)
- 6. Sane BPMs: 68, 136 (list)
- 7. The Exquisite Machinery Of Torture BPMs: 64, 136 (list)
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# **Nothing (2002)**

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- 5. Re-Inanimate
- 6. Entrapment
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# obZen (2008)

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- 2. Electric Red BPM: 55
- 3. Bleed BPM: 57.5
- 4. Lethargica BPM: 52.5
- 5. Obzen BPM: 85
- 6. This Spiteful Snake BPMs: 65, 130, 65 (list)
- 7. Pineal Gland Optics BPMs: 190, 95 (list)
- 8. Pravus BPM: 66.5
- 9. Dancers To A Discordant System BPM: 62.5

# Koloss (2012)

- 1. I Am Colossus BPM: 60
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- 3. Do Not Look Down BPM: 80
- 4. Behind The Sun BPMs: 47.5, 95, 47.5, 95, 47.5, 95, 47.5 (list)
- 5. The Hurt That Finds You First BPMs: 250, 63 (list)
- 6. Marrow BPM: 150
- 7. Break Those Bones Whose Sinews Gave It Motion BPM: 68.5
- 8. Swarm BPM: 67.5

- 9. Demiurge BPMs: 85, 42.5, 85, 42.5 (<u>list</u>)
- 10. The Last Vigil

# The Violent Sleep Of Reason (2016)

- 1. Clockworks
- 2. Born In Dissonance
- 3. MonstroCity
- 4. By The Ton
- 5. Violent Sleep Of Reason
- 6. <u>Ivory Tower</u>
- 7. Stifled
- 8. Nostrum
- 9. Our Rage Won't Die
- 10. Into Decay

# Immutable (2022)

- 1. Broken Cog BPM: 58
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- 10. I Am That Thirst BPM: 70
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- 12. Armies Of The Preposterous BPM: 66
- 13. Past Tense

# **Patterns**

# **Humiliative**

#### intro

Size: 64 (22+22+20)

Structure: AAB

A: xx--+-xx-xx-xx-+-+-- twice, B: xx--+-xx-xx-xx-+--- once.

# **Beneath**

# pre intro, slow without drums (×1)

```
X--+-- X--+-- X--X-- X--X-- X--+-- X--X-- X--X-- X--X--
1 '^ ' 2 '^ ' 3 '^ ' 4 '^ ' 5 '^ ' 6 '^ ' 7 '^ ' 8 '^ '
X--+-- X--+-- X--+-- X-X-X- X--+-- X--X-- X--X--
9 '^ ' A '^ ' B '^ ' C '^ ' D '^ ' E '^ ' F '^ ' G '^ '
```

Size: 96(6+6+6+6+6+6+6+6+6+6+6+6+6+6+6+6+6)

Structure : AABBABBBAAACABAC A: x--+-- 8 times, B: x--x-- 6 times, C: x-x-x- twice.

# intro (×4)

```
X-+-XX-X0 X-+-XX-X0 X-+-XX-X0 X--X00X00 1 '^ '2 ' ^ '3 '^ ' 4 '^ '5 ' ^ '6 '^ '
```

Size: 36 (9+9+9+9)

Structure: AAAB
A: x-+-xx-xo 3 times, B: x--xooxoo once.

# pre verse 1 (×4, 2 without guitars, 2 with)

```
X-X-- 1 '2 '3 '4 '5 ' 6 '7 '8 '9 'A ' B 'C 'D 'E 'F ' G '
```

Size: 48 (5+5+5+5+5+5+5+5+5)

Structure : AAAAAAAAB A: x-x-- 9 times, B: x-- once.

# verse 1 (×4)

same as pre verse 1

#### post verse $1 (\times 2)$

Size: 48 (8+8+8+6+7+11)

Structure : AABCDE

A: xxoxox-- twice, B: xxoxoxoo once, C: xxox-- once, D: xxoxox- once, E: xxoxoxoxoo once.

#### pre chorus $1 (\times 1)$

Size: 96 (9+9+9+9+9+9+9+9+9+6) Structure: AAAAAAAAAB A: x--+-- 10 times, B: x--+-- once.

# chorus 1 half-time (×4)

X--+-X-X-X--+-+X-X-X-+--1 '^ '2 '^ '3 '^ '4 '^ '

Size: 24 notes in one chunk.

# chorus 1 double-time $(\times 4)$

X--+-X-X-X--+-+X-X-X-+--1 '2 '3 '4 '5 '6 '7 '8 '

Size: 24 notes in one chunk.

#### pre verse 2 ( $\times$ 2, 1 without the ride, 1 with)

same as pre verse 1

#### verse $2 (\times 2)$

same as verse 1

# guitar solo (×4)

XOX-+ XOX-+

Size: 48 (5+5+5+5+5+5+5+5+5) Structure : AAAAAAAAB A: xox-+ 9 times, B: x-- once.

#### post verse $2 (\times 2)$

same as post verse 1

#### intro again (×2)

same as intro

### intro again stronger (×1)

X-X-X0X-- X-X-X0X-- X-X-X0X-- X-X-X0X--1 '^ '2 ' ^ '3 '^ ' 4 '^ '5 ' ^ '6 '^ '

Size: 36 (9+9+9+9) Structure : AAAA A: x-x-xox-- 4 times.

# intro again stronger but ending (×1)

X-X-X0X-- X-X-X0X-- X-X-X0X-X -+-X-+-X-1 '^ '2 ' ^ '3 '^ ' 4 '^ '5 ' ^ '6 '^ '

Size: 36 (9+9+9+9) Structure : AABC

A: x-x-xox-- twice, B: x-x-xox-x once, C: -+-x-+-x- once.

#### interlude $(\times 4)$

X--XX--X0X-- XX--XX--X0X-- XX--XX--X0X-- XX--XX 1 '^ '2 '^ ' 3 '^ '4 '^ '5 '^ '6 '^ '7 '^ '8 '^ '

Size: 48 (12+13+13+10) Structure: BAAC

A: xx--xx--xox-- twice, B: x--xx--xox-- once, C: xx--xx--xo once.

# post interlude transition (×4)

XX--X0X--1 '2 '3

Size: 9 notes in one chunk.

# verse $3 (\times 4)$

same as verse 1

# post verse $3 (\times 2)$

same as post verse 1

#### chorus 2 half-time (×2)

same as chorus 1 half-time

#### chorus 1 double-time $(\times 2)$

same as chorus 1 double-time

#### outro

```
X--+--+- X--+--+- X--+--+-- X--+--+-- X--+--+-- 1 '^ '2 ' ^ '3 '^ ' 4 '^ '5 ' ^ '6 '^ ' 7 '^ '8 ' ^ '
```

Size: 96 (9+9+9+9+9+3+9+9+9+9+9+3) Structure: AAAAABAAAAC
A: x--+---- 10 times, B: +-- once, C: x-x once.

# **Soul Burn**

# song intro 1 (×2)

Size: 48(6+6+6+6+6+6+6+6)Structure : ABABABAA A: x--x-- 5 times, B: +-+-+- 3 times.

# small addition, the pulse skips an eighth note (×1)

1 ^ 2 ^

Size: 6 notes in one chunk.

# song intro with backbeat $(\times 2)$

Size: 48 (6+6+6+6+6+6+6) Structure: BABABAAAA: +--+- 5 times, B: x-+-+- 3 times.

# song intro with weird snare hits (×3)

Size : 48 (6+6+6+6+6+6+6) Structure : BCDABAAA

A: +--+- 4 times, B: x-+-+- twice, C: +--+-0 once, D: x-+0x- once.

# song intro, last time, another eighth skipped (×1)

Size: 36 (6+6+6+6+6)

Structure: ACDBAB
A: x-+-- twice, B: +---- twice, C: +---- once, D: x-+ox- once.

#### verse intro $(\times 1)$

Size: 52(6+6+6+8+6+6+6+8)Structure : AAABAAAB A: x-x-+- 6 times, B: x-x-x-+- twice.

#### verse $1 (\times 2)$

```
X-+- X-X-+- X-X-+- X-X-+- X-X-X-+- X-X-+- X-X-+- X-X-+- X-X-+- X-X-+- D ^ E ^ F ^ G ^ H ^ I ^ J ^ K ^ L ^ M ^ N ^ 0 ^ P ^ Q ^
```

Size : 104 (6+6+6+8+6+6+6+8+6+6+6+8+6+6+6+8)Structure : AAABAAABAAABAAAB

A: x-x-+- 12 times, B: x-x-x-+- 4 times.

```
post verse 1 (\times 1)
```

same as verse 1

# verse 2, first time (×1)

same as verse 1

### verse 2, second time $(\times 1)$

```
X-X-+- X-X-+- X-X-+- X-X-X-+- X-X-+-
1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^ 7 ^ 8 ^
X-X-+- X-X-+- X-X-X-+- X-X-+- Y-X-+-
9 ^ A ^ B ^ C ^ D ^ E ^ F ^ G ^
X-X-+- X-X-X-+- X-X-+- X-X-+- X-X-+-
1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^ 7 ^ 8 ^
```

Size: 96(6+6+6+8+6+6+6+8+6+6+6+8+6+6+6)Structure : AAABAAABAAABAAA A: x-x-+- 12 times, B: x-x-x-+- 3 times.

# end of verse 2

```
X-- X-- X-- X-- +-+-
1 ^ 2 ^ 3 ^ 4 ^
```

Size: 16 (3+3+3+3+4) Structure: AAAAB A: x-- 4 times, B: +-+- once.

# small addition, the pulse skips an eighth note (×1)

X--X--1 ^ 2 ^

Size: 6 notes in one chunk.

#### intro for verse 3

```
+-+-+- X--X-- +-X0X0 X--X--
1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^
```

Size: 24 (6+6+6+6) Structure: BACA A: x--x-- twice, B: +-+-+- once, C: +-x0x0 once.

# verse 3, but with the riff of the intro with backbeat (×2)

same as song intro with backbeat

# post verse 3, first time $(\times 1)$

same as song intro with weird snare hits

# post verse 3, second time (×1)

Size: 48(6+6+6+6+6+6+6+6)Structure : BCDABAAA

A: +--+- 4 times, B: x-+-+- twice, C: +--+-0 once, D: x-+0x- once.

# pre guitar solo (×8)

```
X-+X-X-X-+X-+ X-+X- X-+X-X-X-+X-+ -
1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^ 7 ^ 8 ^
```

Size: 32 (13+5+13+1) Structure: ABAC

A: x-+x-x-x-+x-+ twice, B: x-+x- once, C: - once.

# guitar solo part 1 (×3)

same as pre guitar solo

# guitar solo part 1, last (×1)

same as pre guitar solo

# guitar solo part 2 (×6)

```
+ X--X-+- X--X-+- X--X-+- X--X-- X--

1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^ 7 ^ 8 ^

X--X X-XX-+- X-- X--X--+- XX-X--X--+-

9 ^ A ^ B ^ C ^ D ^ E ^ F ^ G ^
```

Size: 64 (1+7+7+7+7+7+7+3+7+11)

Structure: BAACADEFAG
A: x--x-+ 4 times, B: + once, C: x--x-+ once, D: x--x--x once, E: x-x-- once, F: x-- once, G: xx-x--x-- once, G: xx-x--x--

# verse 4

TODO

#### post verse 4

TODO

# pre bridge (×4)

XX-XX- X0X0X-1 ^ 2 ^ 3 ^

Size: 12 (6+6) Structure: AB A: xx-xx- once, B: xoxox- once.

# bridge, instrumental (×8)

same as pre bridge

#### bridge, sang (×8)

same as pre bridge

# post bridge 1 (×1)

X-X-- X-X-- X-X-- X-X-- X-X-- X-1 ^2 ^3 ^4 ^5 ^6 ^7 ^8 ^ X-- X-X-- X-X-- X-X-- X-X-- X-X-- X-X-9 ^A ^B ^C ^D ^E ^F ^G ^ - X-X-- X-X-- X-X-- X-X-- X-+-X-+-1 ^2 ^3 ^4 ^5 ^6 ^7 ^

#### post bridge $2 \times 1$

same as post bridge 1

#### pre outro

same as pre guitar solo

# **Concatenation**

BPM: 146

# intro (×4)

X--X0X-X-- X--X0X-X--

Size: 64 (10+10+10+10+10+10+4) Structure: AAAAAAB A: x--xox-x-- 6 times, B: x-+- once.

#### verse $1 (\times 4)$

Size: 64 (10+10+10+10+10+10+10+4) Structure: AAAAAAB A: x--x0x-x-+ 6 times, B: x-+- once.

#### chorus $1 (\times 2)$

same as intro

# intro 2 (×2)

same as intro

# verse 2 (×4)

Size : 64 (10+12+10+12+10+10)Structure : ABABAA A: x--xox-x-+ 4 times, B: x--xox-x-x-+ twice.

# chorus 2 (×2)

same as intro

# intro 3 (×2)

same as verse 1

# guitar solo (×4)

```
X0X0X-X0X0X-- X0X0X-X0X0X-- X0X0X-X0X0X-- X0X0X-X0X0X-- X0X0X-X0X0X-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
```

Size: 64 (13+13+13+13+12) Structure : AAAAB
A: x0x0x-x0x0x-- 4 times, B: x0x0x-x0x0x- once.

# pre bridge (×4)

Size: 64 (13+13+13+13+12) Structure : AAAAB

A: x-x-x-x-+ 4 times, B: x-x-x-x- once.

#### bridge (×4)

same as guitar solo

# pre chorus

X--X-X-X-- X--X-X-X-- +-+-1 ' ^ ' 2 ' ^ ' 3 ' ^ '

Size: 24 (10+10+4) Structure : AAB A: x--x-x-x- twice, B: +-+- once.

#### chorus $3 (\times 4)$

same as intro

#### outro (×2)

same as verse (with a premature end though)

# **New Millennium Cyanide Christ**

BPM: 77

# intro $(\times 2)$

Size: 128 (10+10+13+10+13+10+13+10+13+10+13+3)

Structure: AABABABABABC
A: xxxxx+-x-x-6 times, B: xxxxxxx-x-x-5 times, C: xxx once.

## verse $1 (\times 4)$

X0X0+-X--X-- X0X0+-X-X-+- X0X0+-X--X-- X0X0+-X-X-+- X0X0+-X-X- X0X0+-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '

Size: 64 (12+12+12+12+10+6)

Structure: ABABCD
A: xxxx+-x--twice, B: xxxx+-x-x--twice, C: xxxx+-x-- once, D: xxxx+- once.

# post verse 1 (×2, last one without the last note)

Size: 64 (12+9+12+9+12+10)

Structure : ABABAC

A: x0x0+-x--x-- 3 times, B: x0x0+-x-- twice, C: x0x0+-x-+0 once.

# pre verse $2 \times 4$

same as verse 1

# verse $2 (\times 4)$

same as verse 1

### post verse 2

same as post verse 1 + a silence lasting one eight note

#### intro $2 (\times 2)$

same as intro

#### bridge pre guitar solo (×4, last one without the three last notes)

```
X0X0X-- X0X0X0X-- X0X0XX-- X0XXX-- X0XXX-- X0XXX-- X0XX-- X0X
```

```
Size: 64 (7+9+9+9+9+9+9+3)
Structure: BAAAAAAC
A: x0x0x0x-- 6 times, B: x0x0x-- once, C: xx0 once.
```

### guitar solo (×2)

same as bridge (×2)

# end of guitar solo (×1)

# bridge post guitar solo (×4)

#### same bridge but instrumental and three notes accented (×4)

#### end riff (until fade out)

```
X--X--X0X-+- X--X--X0X0X0X-+- X--X--X0X-+- X--X--X0X0X0X-+- twice, C: X--X--X0 once.
```

# **Corridor Of Chameleons**

Although quite fast these patterns are only singles. Drummers working on their hands could take this opportunity to work their singles leaded by their weak hand. Just sayin'.

Initial BPM: 172, but there are some changes:

- 172 @intro
- 86 @pre guitar solo (1'17")

# intro (×4)

```
X0X0X0X0+- X0X0X0X-+- X0X0X0X-+- X0X0X0X-+- X0X0X0X-+- X0X0X0X-+- X0X0
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' Size: 64 (10+10+10+10+10+10+4)
Structure: AAAAAB
A: χοχούχικ-- 6 times, B: χοχού once.
```

# verse 1 (×4)

same as intro

#### chorus $1 (\times 3)$

```
X0X0X0X-+- X0X0X0X-+- X0X0X0X-+- X0
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '
Size: 32 (10+10+10+2)
Structure: AAAB
A: X0X0X0X-+- 3 times, B: X0 once.
```

# chorus 1, last line $(\times 1)$

```
X0X0X0X-+- X0X0X0X-+- X0X0X0X0X0 X0

1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '

Size : 32 (10+10+10+2)

Structure : AABC

A: ΧΟΧΟΧΟΧ-+- twice, B: ΧΟΧΟΧΟΧΟΧΟ Once, C: ΧΟ Once.
```

#### verse $2 (\times 4)$

same as intro

# pre guitar solo $(\times 4)$

Size: 64 (10+10+10+10+10+10+4) 

# guitar solo (x2)

9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ ' Z

Size: 128 (10+10+6+10+14+10+10+6+10+14+10+10+6+2) Structure: AABACAABACAABD
A: x-+-x--x- 8 times, B: x-+-x- 3 times, C: x-+-x--x- twice, D: x- once.

# post guitar solo (×2)

same as guitar solo

### bridge, with Jens $(\times 2)$

Size : 128 (4+10+10+6+10+10+10+6+10+10+10+6+10+10+6) Structure : CAABAAABAAABAAB A: x.x.+.++ 10 times, B: x.x.+ 4 times, C: +++ once.

# bridge, instrumental (×2)

same as bridge

# end of bridge (×1)

X-X-+-+- X-X-+-1 ' ^ ' 2 ' ^ '

Size: 16 (10+6) Structure: AB A: x-x-+-+- once, B: x-x-+- once.

# bridge 2 (×2)

Size: 128 (18+20+18+20+18+20+14)

# bridge, instrumental (×2)

same as bridge

# post guitar solo (until fade out)

same as post guitar solo

# **Neurotica**

BPM varies quite often but never more than 2 ou 3 units.

BPM: 103

#### intro (×4)

X-+-+-- XX-XX-X X-+-+- XX-XX-X X-1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^ 7 ^ 8 ^ +-+-+- XX-XX-X X-+-+-- XX-XX-X X--9 ^ A ^ B ^ C ^ D ^ E ^ F ^ G ^

Size: 64 (8+7+8+7+8+7+9+7+3)

Structure: BABABACAD A: xx-xx-x 4 times, B: x-+++- 3 times, C: x-+-+-- once, D: x-- once.

# pre verse $(\times 2)$

```
Size: 64 (11+8+7+11+8+7+12)
Structure: ABCABCD\\
```

A: x--x--xx-x0 twice, B: x--x--x0 twice, C: x--x-+0 twice, D: x--x--xx-xx- once,

# transition (×1)

X-- X-- X-- X-- X-- X-- X-- X-- X-- X0 1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^ 7 ^ 8 ^

Size: 32 (3+3+3+3+3+3+3+3+3+3+2) Structure : AAAAAAAAAB

A: x-- 10 times, B: x0 once.

#### verse 1 (×4)

X-- X-- X-- X-- X-- X-- X-- X-- X-X-X0 O ^ A ^ B ^ C ^ D ^ E ^ F ^ G ^

A: x-- 20 times, B: x-x0 once.

# post verse $1 (\times 2)$

Size : 64 (3+3+3+3+3+3+3+7+3+3+3+3+3+3+3+7+3+3+3+2)Structure : AAAAABAAAAABAAAC

A: x-- 16 times, B: xx-x0x- twice, C: x0 once.

# nothing $(\times 1)$

Size: 8 notes in one chunk.

# breakdown $(\times 1)$

Size: 64 (10+12+10+12+10+10)

Structure : ABABAC
A: x0x-+-+-- 3 times, B: x-x0+-+-+- twice, C: x-x0+-x0+- once.

### pre verse 2 (×2)

Size: 64 (10+12+10+12+10+10)
Structure: ABABAC
A: x--x-xxx- 3 times, B: x--x-xxx- twice, C: x--x-xxx0 once.

# verse $2 (\times 2)$

same as pre verse 2

# guitar solo (×4)

Size : 64 (10+17+17+17+3) Structure : BAAAC

A: x-+-0x-x-++0x-x-- 3 times, B: x-+-0x-x-- once, C: x-- once.

# transition $2 (\times 1)$

+-+-X0+-

Size: 8 notes in one chunk.

# intro 2

same as intro (×2)

# verse 3 (×4)

same as verse 1

# post verse 3 (×2)

same as post verse 1

# pre outro (×2)

same as pre verse 2

#### outro (×56)

Size: 3 notes in one chunk.

# The Mouth Licking What You've Bled

Initial BPM: 76, but there are some changes:

- 76 @intro
- 152 @verses maybe if you want

# intro (×4)

```
X-X-- X-X-- X-X-- X-X-- X-X-- X-X-- 1'^ '2''^ '3''^ '4''^'
```

Size : 32 (5+5+5+7+5+5) Structure : AAABAA A: x-x-- 5 times, B: x-x-x-- once.

#### transition (×1)

Size: 16 (5+5+6) Structure : AAB A: x-x-- twice, B: x-x-+- once.

#### verse $1 (\times 1)$

```
X-X-+ X-X-+
```

# inter verse $(\times 1)$

same as verse

#### verse 1 bis (×1)

same as verse

#### chorus (×4)

# transition $(\times 1)$

Size : 16 (5+5+6) Structure : AAB A: x-x-- twice, B: x-x-+- once.

# guitar solo

Size: 64 (5+5+9+5+5+9+5+5+9+5+2) Structure: AABAABAABAC A: x-x-- 7 times, B: x-x-x-x-- 3 times, C: x- once.

# post guitar solo, sang

same as verse

### post guitar solo, instrumental (×1)

same as guitar solo

### post guitar solo, sang

same as verse

# bridge (×4, half instrumental, half sang)

```
X0X -0X0X -0X0X0X0X -0X0X -0X0
   Size: 64 (3+5+9+5+5+9+5+5+9+5+4)
```

Structure : CABAABAABAD

A: -oxox 6 times, B: -oxoxoxox 3 times, C: xox once, D: -oxo once.

#### pre end $(\times 4)$

Size: 64 (11+11+11+11+11+9)

Structure: ABABAC A: x-xoox--x-- 3 times, B: x-+xox--x-- twice, C: x-+xox-+- once.

# end riff (until fade out)

Size: 64 (9+9+9+9+9+10) Structure: AAAAAAB
A: x--x-xx-- 6 times, B: x--x-xx-+- once.

# **Sane**

Initial BPM: 68, but there are some changes:

- 68 @intro
- 136 @verses maybe if you want

# intro (×8)

Size: 16 (3+3+3+3+4) Structure : AAAAB A: x-- 4 times, B: x-x0 once.

# verse $1 (\times 4)$

Size: 32 (2+3+3+3+3+3+3+3+3+3+3) Structure: BAAAAAAAAC A: +x0 9 times, B: x- once, C: +x- once.

# post verse 1 (×2)

Size: 32 (16+16)

# transition

Size: 8 notes in one chunk.

# verse $2 (\times 4)$

same as verse 1

# post verse $2 (\times 4)$

Size : 16 (3+3+3+3+4) Structure : AAAAB A: x-- 4 times, B: x-x0 once.

# pre guitar solo (×8)

Size: 16 (5+5+5+1) Structure: AAAB A: xoox- 3 times, B: + once.

# guitar solo (×4)

same as verse

# pre chorus 1 (×8)

same as pre guitar solo

#### chorus 1 (×8)

X-+-XX-X-XX-+-1 2 3 4 5 6 7

Size: 14 notes in one chunk.

#### post chorus 1 (×16)

same as chorus 1

#### chorus $2 (\times 8)$

same as chorus 1

# post chorus 2 (×8)

same as chorus 1

# pre bridge (×1)

```
X-- X-- X-- X-- X-- X-- X-- X-- 1 ' ^ ' 2 ' ^ ' 3 ' ^ '
X-- X-- X-- X-- X-- X-- X-- X-- 7 ' ^ ' 8 ' ^ ' 9 ' ^ '
```

A: x-- 24 times.

# bridge $(\times 2)$

X--+-X--X--X--X--X--+--1X-- X--+--X-- X--+--X-- X--4 ' ^ ' 5 ' ^ ' 6 ' ^ ' +--X-- X--+--X-- X--+--X--7 ' ^ ' 8 ' ^ ' 9 ' ^ '

Size: 72(9+9+9+9+9+9+9+9)Structure : AAAAAAAA A: x--+--x-- 8 times.

### outro (ad lib)

+--+-X-- X--+-X-- X--+-X-- X--+-X-- X--+-X-- X--+--X0X0 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '

Size: 64 (9+9+9+9+9+9+10)

Structure: BAAAAAC A: x----x-- 5 times, B: +--+-x-- once, C: x--+--x0x0 once.

# **The Exquisite Machinery Of Torture**

Initial BPM: 64, but there are some changes:

- 64 @intro
- 136 @choruses maybe if you want

# intro (×4)

The last without crash washing.

```
+--+-X-+- +--+-X-+- +--+-X-+- +--+-X-+- +---X-+- +---
1 '^ '2 ' ^ '3 '^ ' 4 '^ '5 ' ^ '6 '^ ' 7 '^ '8 ' ^ '
```

Size: 48 (9+9+9+9+9+3) Structure: AAAAAB A: +--+-x-+- 5 times, B: +-- once.

#### verse $1 (\times 2)$

```
X--XX-- X--XX-
```

Size: 96 (7+7+7+7+7+7+7+7+7+7+7+5)

Structure: AAAAAAAAAAAAB A: x--xx-- 13 times, B: x--x0 once.

# chorus $1 (\times 1)$

+X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-+-X 1 '^ '2 '^ '3 '^ '4 '^ '5 '^ '6 '^ '7 '^ '8 '^ ' - +X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-X0 9 '^ 'A '^ 'B '^ 'C '^ 'D '^ 'E '^ 'F '^ 'G '^ '

Size: 96 (7+7+7+7+7+7+7+7+7+7+7+5) 

#### transition (×1)

X--XX--X-+--1 '^ '2 '^ '

Size: 12 notes in one chunk.

# verse $2 (\times 2)$

same as verse 1

# chorus $2 (\times 2)$

+X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-+-X- +X-+X-1 '^ '2 '^ '3 '^ '4 ' ^ '5 '^ '6 '^ '7 '^ '8 '^ '

Size: 48 (7+7+7+7+7+6) Structure : AAAAAAB A: +x-+-x- 6 times, B: +x-+x- once.

### guitar solo (×3)

Size: 48 (24+24) Structure: AB

A: x--x0x-x-x-x-x-x-x-x-x- once, B: x--x0x-x-x-x-x-x-x-x-x once.

#### post guitar solo (×4)

X--X0X--X-- X--X0X--X-- X--X0X--X-- X--X0X--X-- X-+-1 '^ '2 '^ '3 '^ '4 '^ '5 '^ '6 ' ^ '7 '^ '8 '^ '

Size: 48 (11+11+11+11+4) Structure : AAAAB A: x--xox--x-- 4 times, B: x-+- once.

# transition 2 (×1)

X--XX-- X--XX-- X--XX-- +--1 '^ '2 '^ '3 '^ '4 ' ^ '

Size: 24 (7+7+7+3) Structure: AAAB A: x--xx-- 3 times, B: +-- once.

### verse 3

same as verse 1

# final chorus $(\times 1)$

same as chorus 2 + chorus 1

# end $(\times 1)$

X - - XX - - X 1 '^ '2 '^ '

Size: 8 notes in one chunk.



BPM: 64

#### intro $(\times 4)$

Size: 64 (5+3+10+4+10+4+10+4+10+4)

A: x0x--x--x- 4 times, B: x-+ 3 times, C: x--+ once, D: x-- once, E: x-x0 once.

# transition

X00X- X00X- X0X0X- X00X- X00X- X00X- - 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '

```
Size: 32 (5+5+6+5+5+5+1)
Structure: AABAAAC\\
A: xoox- 5 times, B: xoxox- once, C: - once.
```

# pre verse 1 (×2)

```
X00X- X00X- X0X0X- X00X- X00X- X00X- X0X0X- X0XX- XXX- X
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    C
```

Size: 128 (5+5+6+5+5+5+6+5+5+6+5+5+6+5+5+6+5+5+6+5+5+6+5+2) Structure: AABAAABAAABAAABAAABAC A: xoox- 18 times, B: xoxox- 6 times, C: x- once.

### verse $1 (\times 4)$

same as pre verse 1

# post verse 1 (×2)

same as intro

# breakdown (×1), based on the « post breakdown » below

```
X--+-- +-+-- X--X--+-- +-+--- X--+-- +-+-- X--X--X--X---- +-+--- +--X--X--
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
X--+-- +-+-+ X--X--+-- +-+-+- X--+-- X--+-- X--X--X--
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

Size : 128 (6+6+9+7+6+6+12+6+6+6+9+7+6+6+12+6+6)Structure : BACDBAEAFBACDBAEAG

A: ++++ 6 times, B: x-+- 4 times, C: x-x--- twice, D: +-++- twice, E: x-x-x-+- twice, F: +-x-- once, G: x--xx0 once.

#### post breakdown (×4)

Size: 64 (6+6+9+7+6+6+12+6+6)

A: x-x-- 3 times, B: x-x-x- 3 times, C: x--x-- once, D: x-x-x-- once, E: x--x--x-- once.

#### pre guitar solo (×4)

```
X00X--X--X-XX-X-X-- X00X--X--X-XX-X-- X00X--X--X-XX-X-- X00X-+0
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
```

Size: 64 (19+19+19+7)

Structure: AAAB

A: x00x--x--x-xx-x-x- 3 times, B: x00x-+0 once.

# guitar solo (×4)

same as pre guitar solo

# transition

same as transition + one beat

## verse 2 (×4)

same as pre verse 1

# post verse 2 (×4, half instrumental, half sang)

same as intro

#### outro

Size: 128(8+6+6+6+8+6+6+6+8+6+6+6+8+6+6+6+8+6+6+4)Structure: BAAABAAABAAABAAABAAC
A: x-+-- 14 times, B: x-+-+- 5 times, C: x-+- once.

# **Stengah**

Some anacrusis make this song tedious to encode.

Initial BPM: 60, but there are some changes:

- 60 @intro
- 120 @guitar solo
- 60 @bridge

# intro with a single guitar (×1)

Size : 128 (22+22+22+22+18) Structure : AAAAAB

A: x--x-+-x--x--x--+- 5 times, B: x--x-+-x--x---- once.

## intro $(\times 2)$

same as intro

# pre pre verse 1, the first $(\times 1)$

Size : 16 (2+2+2+2+2+2+2) Structure : BAAAAAAC A: +- 6 times, B: x- once, C: -x once.

# pre pre verse $1 (\times 7)$

Size: 16 (2+2+2+2+2+2+2) Structure : BAAAAAAC A: + 6 times, B: - once, C: x once.

### pre verse 1, the first $(\times 1)$

Size : 16 (2+3+3+3+3+2) Structure : BAAAAC

A: x-- 4 times, B: -- once, C: x- once.

#### pre verse $1 (\times 6)$

Size: 16 (2+3+3+3+3+2) Structure: BAAAAC A: x-- 4 times, B: +- once, C: x- once.

# pre verse 1, the last $(\times 1)$

Size : 16 (2+3+3+8) Structure : BAAC

A: x-- twice, B: +- once, C: x-+-+-x once.

### verse $1 (\times 2)$

Size: 64 (16+16+16+16)

 $\begin{array}{l} Structure: AAAB\\ A: \ {\scriptstyle .-x_-x_-x_-x_-x_-x_-}\ 3\ times,\ B: \ {\scriptstyle .-x_-x_-x_-x_-x_-x_-}\ \end{array}$ 

# post verse 1 (×4)

same as preverse 1 but 4 repetitions instead of 8

# verse 1 again (×1)

Size: 64 (16+16+16+16)

Structure : AAAB
A: --x--x--x--x- 3 times, B: --x--x--x-+-+-- once.

# chorus 1 (×2)

Size: 64 (22+22+20)

Structure: AAB

A: x--x-+-x--x--x--+- twice, B: x--x-+-x--x--x-- once.

# post chorus 1 (×1)

X--X-+-X--X--X-+-X--+- X--X--X--X--X-+-+X-+- +--X
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ '

```
Size: 48 (22+22+4)
Structure:ABC\\
A: x--x-+-x--x--x--y---- once, B: x--x-+-x--x--x--x----- once, C: +--x once,
```

# verse 2, post verse 2, verse 2 again, chorus 2 and post chorus 2

same as 1

# pre guitar solo (×1)

Size: 128(10+10+10+14+10+10+10+10+14+10+10+10) $\begin{array}{l} Structure: AAABAAAABAAA\\ A: \textit{x--x--x-x-} \ 10 \ times, \ B: \textit{x--x--x-x-x-} \ twice. \end{array}$ 

# guitar solo $(\times 4)$

Size: 64 (10+14+14+6+10+10) Structure: ABBCAA A: x--x--x-x- 3 times, B: x--x--x-x-x- twice, C: x--x-- once.

# post guitar solo (×2)

Size: 64 (10+10+10+10+10+10+4) Structure : AAAAAAB A: x--x--x-- 6 times, B: x-+- once.

# pre bridge (×2)

Size: 64 (7+7+7+7+7+7+7+8) Structure : AAAAAAAB
A: x--x-+- 8 times, B: x--x--+- once.

# transition (×1)

Size: 64 (7+7+7+7+7+7+7+8) Structure : AAAAAAAB
A: x--x-+- 8 times, B: x-+-+- once.

# bridge (×2)

Structure : AAAAAAAAAAAAAAAAAB

A: x--x-+- 18 times, B: x0 once.

# outro $(\times 4)$

same as intro but with the backbeat

# end $(\times 1)$

Size: 4 notes in one chunk.

# **Rational Gaze**

BPM: 66

# intro $(\times 2)$

The second one without the second and two last hits.

Size: 128 (25+25+25+25+25+3)

Structure: AAAAAB

A: xx--+-xx--xx-xx-xx-xx-+- 5 times, B: xx- once.

# pre verse 1 (×2)

Size: 64 (6+6+6+8+6+6+8+6+6+6) Structure: AAABAABAAA A: xx---- 8 times, B: xx-xx-+- twice.

# verse 1, part 1 (×4)

same as pre verse 1

### verse 1, part $2 (\times 2)$

Size: 64 (6+8+6+6+8+6+6+6+6+6) Structure: ABAABAAAA A: xx---- 8 times, B: xx-xx-+- twice.

#### verse 1, part $3 \times 4$

same as pre verse 1

#### chorus $1 (\times 2)$

same as intro

#### instrumental interlude (×2)

Based on the intro.

Size: 128 (25+25+25+25+25+3) Structure: AAAAAB A: x+--+-x--x-x-x-x-x-x--5 times, B: xx- once.

# breakdown (×2)

Second time with the drums and without the second hit.

Size: 64 (26+26+12) Structure: AAB A: xx--x0x-+-x-+-xx--x-+- twice, B: xx--x0x-+-x- once.

# guitar solo

TODO

# post guitar solo

Based on the breakdown.

TODO

#### pre outro

TODO

# outro (ad lib)

Size: 64 (25+25+14) Structure: AAB

A: x--xx-x--xx--xx-+-x twice, B: x--xx-x--x once.

# **Perpetual Black Second**

**BPM: 74** 

### intro (×2)

```
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

## pre verse (×2)

Size: 128 (2+18+18+18+18+18+18+18+18) Structure: BAAAAAAA A: x--x--x--x-x--7 times, B: x- once.

# verse 1 (×2)

Size: 128 (2+18+18+18+18+18+18+18+18) Structure: BAAAAAAA A: x--x--x-x-x--x--x- 7 times, B: x- once.

#### intro $2 (\times 1)$

same as intro

#### verse 2 (×2)

same as verse 1

#### post verse $(\times 2)$

same as pre verse

# pre guitar solo

Size: 128 (10+6+10+10+6+12+10+6+10+10+6+12+10+6+4)Structure: ABCABDABCABDABE A: x-x-x-x- 5 times, B: x-x- 5 times, C: x-x-x-x- twice, D: x-x-x-x-x- twice, E: x-x- once.

## guitar solo (×4)

Size : 64 (14+14+14+14+8) Structure : AAAAB A: x-x-+-x--x--4 times, B: x-x---- once.

# last verse, same pattern but longer the wait (×2)

Size: 128 (14+14+14+14+14+14+14+14+14+14+2) Structure: AAAAAAAAB A: x-x-+-x--x---- 9 times, B: x- once.

#### end

TODO

# **Closed Eye Visuals**

BPM: 66.5

# intro (×4)

+-+-+- X-+-+X-+- +-+-+-+- X-+-+X-+- +-+--+- X-+-+-X-+- +-+-+-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '

Size: 64 (8+10+10+10+10+10+6) Structure: CABABAD

A: x-+-+-x-- 3 times, B: +-+-+-+- twice, C: +-+-+- once, D: +-+-+- once.

#### pre verse $1 (\times 1)$

Size: 64 (20+20+20+4) Structure: AAAB

A: x-x-x-x-x-x-+-x-+- 3 times, B: +-+- once.

# verse 1, first part (×4)

Size: 128 (20+20+20+8+20+22+14+4)

Structure : AAABACDE

A: x.x.x.x.x.x.+... 4 times, B: x.x.x.+ once, C: x.x.x.x.+...x.+- once, D: x.x.x.x.+.+.x once, E: x.x. once,

# **Glints Collide**

**BPM: 66** 

#### intro

Size: 64 (13+14+14+14+9)

Structure: BAAAC

A: x--+-x--x-0 3 times, B: x-+-x--x-0 once, C: x--+-x-+- once.

# **Organic Shadows**

**BPM: 65** 

#### intro $(\times 2)$

X--X--+-+-X-X--X--+--X-X- X--X--1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '

Size: 32 (26+6)

Structure: AB

A: x--x--+-x-x-x--x--+-x-x- once, B: x--x-- once.

# intro with drums (×2)

same as intro

# verse 1 (×4)

Size: 64 (26+26+12)

Structure: AAB

A: x--x--+-x-x-x-x--+-x-x- twice, B: x--x--+-x- once.

#### mid verse $1 (\times 2)$

same as verse 1

#### verse 1, part $2 \times 4$

same as verse 1

# post verse 1 (×2)

Size: 64 (12+14+12+14+12)

Structure : ABABA

A: x--x--x-+-x- 3 times, B: x--x--x-+-x-x- twice.

# pre verse 2

Size : 128 (18+20+18+20+18+20+14) Structure : ABABABC

A: x--x--+-x-x--x-3 times, B: x--x--+-x-x-x--- 3 times, C: x--x--+-x--- once.

# verse 2

same as verse 2

# pre guitar solo (2 beats intro)

X-+--X-X--+-+-+-1 ' ^ ' 2 ' ^ '

Size: 16 notes in one chunk.

# pre guitar solo, instrumental (×2)

Size : 64 (14+14+14+14+8) Structure : AAAAB

A: x-+--x-- 4 times, B: x-+--x-- once.

#### pre guitar solo (×2)

same as instrumental

#### guitar solo (x2)

### post guitar solo (×2)

same as pre verse 2

#### verse $3 (\times 1)$

same as pre verse 2

# pre outro (2 beats)

X-+-+0X-+- X-+-+-1 ' ^ ' 2 ' ^ '

Size : 16 (10+6) Structure : AB A: x-+-+0x--- once, B: x-+--- once.

# outro (fade)

Size : 128 (8+6+18+6+8+6+18+6+8+6+18+6+10+4) Structure : BACABACABACADE A: x.x.+ 6 times, B: x.+++- 3 times, C: x.+-x.-x.-++-+ 3 times, D: x.++++- once, E: x.+ once.

# **Straws Pulled At Random**

BPM: 70

# intro (×4)

Size : 64 (14+14+14+14+8) Structure : AAAAB A: x-x-+x-x----- 4 times, B: x-x-+x-- once.

# pre verse 1

X-+-+-+- X-X-X--+ X-X-+X-X-X--+ X-X-+X-X-X--+ X-X-+X-X-X--+ X-X-+X-X-X--- 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' 9 ' ^ '

A: x-x-x-x---- 3 times, B: x-+-+-+- once, C: x-x-x--- once, D: x-x-+x-- once.

**Spasm** 

BPM: 70

<u>Nebulous</u>

BPM: 49.5

# **Combustion**

There are double time and half time sections but we keep the half time notation for the whole song.

Initial BPM: 220, but there are some changes:

- 220 @intro
- 110 @post intro riff
- 220 @second intro before first verse
- 110 @outro riff (same as post intro)

#### guitar intro (×2)

This pattern starts between the two first notes of the guitar.

```
-0 +0+0+0+0+0+0+0+0+0+0+0+0+0+0 +-0X

1 ^2 ^3 ^4 ^5 ^6 ^7 ^8 ^

Size : 32 (2+26+4)

Structure : ABC

A: -0 once, B: +0+0+0+0+0+0+0+0+0+0+0 once, C: +-0x once.
```

#### intro

same as quitar intro

# **Electric Red**

Deciphering made easy thanks to <u>Yogev</u>. During live shows you would occasionally see some of them headbanging at 110 (like during <u>this one</u>), but I keep it at 55.

BPM: 55

#### intro part 1 (×2)

# intro part 2

# verse 1

same as intro part 2 (×2)

# intro part 1 (×1)

same as intro part 1, but once

# verse 1, part 2

same as verse 1

# post-verse (×2)

Second time with eights heard.

# fury

```
X00X-X-X0X-X-X00X-X-X00X- X--X-- X00X-X-X00X-X-X00X-X-X00X- X--X-+X0
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

Size : 256 (6+25+6+25+6+25+6+25+6+25+6+25+6+25+6) Structure : ABABABABABABABABABABC

A: x--x-- 8 times, B: x00x-x-x0x-x-x00x-x-x00x- 8 times, C: x--x-+x0 once.

# fury (instrumental)

same as fury

# $calm (\times 2)$

Size: 128(7+6+6+7+5+6+7+6+6+7+5+6+7+6+6+7+5+6+7+6+4)

Structure : BAABCABAABCABAABCABAD

A: xox-x- 10 times, B: xoox+x- 7 times, C: xo+x- 3 times, D: xox- once.

#### less calm + singing ( $\times$ 2)

same as calm

### $calm (\times 2)$

same as calm

#### intro part $1 (\times 2)$

same as intro part 1

# outro (faded a bit before the end of the cycle)

Use a - at the beginning to loop it.

```
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
```

A: x-x--x-+- 27 times, B: +x-+- once, C: x-x--x-+ once.

# **Bleed**

In this song all XX have an O in between. Please note thas this is a « quick and dirty » version. A more complete one is in the works.

BPM: 57.5

# intro (throughout)

Size: 3 notes in one chunk.

# verse 1 (throughout)

same as intro

#### transition (×1)

Size: 8 notes in one chunk.

# verse 2 (throughout, except some pieces of verse 1)

Size: 5 notes in one chunk.

# pre chorus (throughout)

XX0 1 ' ^ '

Size: 3 notes in one chunk.

#### chorus $1 (\times 1)$

Play a crash on the 2nd 16th of the nine.

A: x-x-xxxx-x- 6 times, B: xxxxxxx-xxx 5 times, C: xxxx-+- once.

```
X-X-XX0X-X- XX0XX0X-XX0 X-X-XX0X-X- XX0XX0X-XX0 X-X-XX0X-X- XX0XX0X-X- XX0X-X- XX0X
```

# this is the same chorus 1 but with another notation

Some xs are replaced with 'a', 'b', 'c' or 'd' to show the note changes. What a nice mess: 3 hits fit in the 22 notes pattern but they use a four notes cycle of notes.

#### chorus, instrumental (×1)

same as chorus

#### chorus $2 (\times 1)$

same as chorus

#### pre verse 3 and verse 3 (throughout)

```
XX-X-X- XX-X-X- XX-X- XX- XX-X-

1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '

Size: 27 (7+7+5+3+5)

Structure: AABCB

A: xx-x- twice, B: xx-x- twice, C: xx- once.
```

#### pre bridge $(\times 1)$

```
XX-XX0+- XX-XX-XX0+-- XX-XX0+- XX-XX0+-- XX-XX
```

#### instrumental bridge

# clean part (×1)

Beware: the odd beats have high notes and the low notes fall on the even beats (they play high E, low D $\sharp$ , high C $\sharp$ , low F $\sharp$ , high D $\sharp$ , low G, high F $\sharp$ , low E) so you may be tricked thinking the low D $\sharp$  is on the «one».

# guitar solo (×1)

```
-XX-XX-X-+- XX-XX-XX-X-+- XX-XX-XX-X-+- XX-XX-XX-XX-
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
X-XX-XX-X-+- XX-XX-XX-XX-XX-X-+- XX-XX-XX-X-+- XX-XX-XX-XX-X-+- X
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
                              F'
```

A: xx-xx-xx-x---- 17 times, B: xx-xx-xx-xx-x--- 15 times, C: xx-xx-xx-xx-xx-x--- twice, D: xx-xx-x once.

## transition (×1, just one beat)

Size: 8 notes in one chunk.

#### verse 4

same as preverse 3 and verse 3

#### transition and outro (throughout)

XX0

Size: 3 notes in one chunk.

# **Lethargica**

BPM: 52.5

# <u>Obzen</u>

**BPM: 85** 

# intro

Each and every X is doubled.

X0+0+0X0X0X0+0+0 X0+0+0X0X0X0+0+0 1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^ 7 ^ 8 ^ +0 X0+0+0X0X0X0+0+0 X0+0+0X0X0X0+0 9 ^ A ^ B ^ C ^ D ^ E ^ F ^ G ^ +0+0 X0+0+0X0X0X0+0+0 X0+0+0X0X0X0 1 ^ 2 ^ 3 ^ 4 ^ 5 ^ 6 ^ 7 ^ 8 ^ +0+0+0 X0+0+0X0X0X0+0+0 X0+0+0X0X0 9 ^ A ^ B ^ C ^ D ^ E ^ F ^ G ^

Size: 128 (16+18+16+18+16+18+16+10)

Structure: ABABABAC

A: x0+0+0x0x0x0+0+0 4 times, B: x0+0+0x0x0x0+0+0+0 3 times, C: x0+0+0x0x0 once.

# **This Spiteful Snake**

Initial BPM: 65, but there are some changes:

- 65 @intro
- 130 @second part of the song (2'45")
- 65 @last verse (3'44")

# intro (×4)

Additional guitars appear at the third repetition.

```
X-X-XOX-+-+- X-X-X-XOX-+-+- X-X-XOX-+-+- X-X-XOX-+-+- X-X-XOX-+-+- 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
Size: 64 (12+14+12+14+12)
Structure : ABABA
A: x-x-xox-+-+- 3 times, B: x-x-x-xox-+-+- twice.
```

# **Pineal Gland Optics**

During the double time moments (like in the intro) it's not really 4 notes per beat but 2. It may be easier to follow with 4 notes per beat though.

Initial BPM: 190, but there are some changes:

- 190 @intro
- 95 @interlude (1'42") but maybe before if you want

#### intro (with singles)

#### intro (alternate version with doubles)

#### outro

D is a double with your strong hand and ^ is a brutal hit on the snare.

The song fades before any hint about the length of the cycle. Interestingly though, there a hit on a crash at the beginning of the sixth line.

# **Pravus**

The last riff could be guarter time but during their liveshows they stay at around 66.

Not many diddles here. Maybe it's time to work on your weak hand lead.

BPM: 66.5

# intro

X-+-X-X-+- X-+-X-X-+- X-+-X-X-+- X-+-X-X-+- X-+-X-X-+- X-+-X-X-+- X-+-X-X-+- X-+-X-X-+-

```
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
```

 $Size: 256 \; (10+12+10+14+10+14+10+$ Structure: ABACABACABACABACABD
A: x-+-x-x-+ 11 times, B: x-+-x-x-x-+ 6 times, C: x-+-x-x-x-+ 5 times, D: x-+ once.

#### intro, one clean guitar

 ${\bf Size: 128\: (10+12+10+14+10+12+10+14+10+12+8+6)}$ 

Structure : ABACABACABDE

A: x--x--5 times, B: x-+x-x--3 times, C: x-+x-- twice, D: x-+x-- once, E: x-+x- once.

#### intro again

same as intro

#### verse 1

same as intro

#### pre verse

Size: 128 (4+18+18+18+18+18+16+16)

Structure : BAAAAAAC

A: +-+--x-+-x---- 6 times, B: +-x- once, C: +-+--x-+-- once.

#### 1 bar to fill

```
X--X--X- X-XX-X-- X--X--X--X--X-+-
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '
```

Size: 32 (8+8+16) Structure : ABC

A: x--x--x- once, B: x-xx-x-- once, C: x--x--x--x-- once,

# verse 2

```
+- X-+-+-X-+-X-+-+-X-X-+- X-+-+-X-+--X-+--X-X--- X-+-+-X-+--X-
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

Size: 256 (22+22+22+22+22+22+22+22+22+14)

Structure: AAAAAAAAAAB

A: x-+-+-x-+-x-+-- 11 times, B: x-+-+-x-+- once.

#### 1 bar to fill

same as previously

# post verses (×2)

The two last xs of the first time make five with the three firsts of the second. It makes the two times contain two As in a row, like this: свавававававававава.

```
^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G '
```

Size: 128 (12+12+16+12+16+12+16+12+16+4)

Structure: CABABABABD
A: x-x-x-x-+ 4 times, B: x-x-x-x-+-+ 4 times, C: x-x----- once, D: x-x- once.

# pre-bridge

```
+-+- X0X0+-+- X0X0+-+- X0X0+-+- X0X0+-+- X0X0+-+- X0X0+-+- X0X0X0X0+-+-
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
X0X0+-+- X0X0+-+- X0X0+-+- X0X0+-+- X0X0+-+- X0X0+-+- X0X0
```

```
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

Structure: BAAAAABAAAAABAAAAAABAAAAABCA: x0x0+-+- 24 times, B: x0x0x0x0+--- 5 times, C: x0x0 once.

### bridge

Thanks to this video for the hint.

```
X0X0+-+- X0X0+-+- X0X0X0X0+-+- X0X0+-+- X0X0X0X0+-+- X0X0+-+- X0X0X0X0
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
X0X0+-+- X0X0X0X0+-+- X0X0X0X0X0X0X0X0X0X0X0
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
```

#### pre-outro

Let ring on second half.

```
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
X-+- X-X-X-+-+-+- X-X-X-+-+-+- X-+- X-X-X-+-+-+- X-X- X-+-+-+-X-X-+-+--
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

Structure : AABAABAABAABAABAABAABACD

A: x-x-x-+-+- 17 times, B: x-+- 8 times, C: x-x- once, D: x-+-+-x-x-+-- once

#### outro

```
+-+- X-X-+-+-+- X-+-X-X-+-+-+- X-X-+-+-+- X-X-X-+-+-+- X-X-
9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

Size: 256 (12+12+16+12+16+12+16+12+16+12+16+12+16+12+16+12+16+12+7+1) 

# **Dancers To A Discordant System**

Deciphering made easy thanks to <u>Yogev</u>.

BPM: 62.5

# intro riff with only one guitar

```
This is (9+8+4) + (9+6) + (9+11+4) = 21 + 15 + 24 = 7 \times 3 + 5 \times 3 + 8 \times 3 (3 notes per eighth notes).
```

```
X-X-X0X00 X-X-X0X0 X-X- X-X-X0X00 X-X0X0 X-X-X0X00 X-X
1 '^ '2 ' ^ '3 '^ '4 ' ^ '5 '^ ' 6 '^ ' 7 '^ '8 ' ^ '
                                                      '^ ' 6 '^ ' 7
-xoxoxoo x-x- x-x-xoxoo x-x-xoxo x-x- x-x-xoxoo x-xoxo 9 '^ 'A '^ 'B '^ 'C ' ^ 'D '^ 'E ' ^ 'F '^ ' G '^ '
X-X-X0X00 X-X-X0X0X00 X-X- X-X-X0X00 X-X-X0X0 X-X- X-X 1 '^ '2 ' ^ '3 '^ '4 '^ '5 '^ '6 ' ^ '7 '^ '8 ' ^ '
                                                                                        '8'
-xoxoo x-xoxo x-x-xoxoo x-x-xoxoxoo x-x- x-x- xoxoo x--
9 '^ ' A '^ ' B '^ 'C ' ^ 'D '^ 'E '^ ' F '^ 'G ' ^ '
```

Size: 192 (9+8+4+9+6+9+11+4+9+8+4+9+6+9+11+4+9+8+4+9+6+9+11+4+4+5+3)

Structure: ACBADAEBACBADAEBACBADAEBBFG
A: x-x-x0x00 9 times, B: x-x- 7 times, C: x-x-x0x0 3 times, D: x-x0x0 3 times, E: x-x-x0x0x0 3 times, F: x0x00 once, G: x-- once.

# intro break

```
+--+--+--
1 '^ '2 '^ '
```

Size: 12 notes in one chunk.

# intro riff with everyone but Jens

same as intro riff

#### post intro break

```
X-X- X0X00 X--
1 '^ '2 ' ^ '
```

Size: 12 (4+5+3) Structure: ABC A: x-x- once, B: x0x00 once, C: x-- once.

#### verse 1

Size: 192 (5+9+5+11+5+9+11+5+9+11+5+11+5+9+11+5+9+11+5+9+11+5+9+11+5+9+11+5+9+11+5+9+11+5+9+11+5+9+11+5+11+5+9+11+5+11+5+11+5+1

# verse 1, second part

#### verse 2

same as verse 1

#### verse 2, second part

Size: 96 (7+4+7+4+7+4+7+4+7+4+7+4+7+4+7+4+8) Structure: ABABABABABABABABABC A: x0x00x0 8 times, B: x-x- 8 times, C: x0x0x0x- once.

# verse 2, last part, half sung half instrumental

```
X0X00X0 X-X- X0X00X0 X-X- X0X00X0 X-X- X0X00X0 X-X- X0X0

1 '^ '2 '^ '3 '^ '4 '^ '5 '^ '6 '^ '7 '^ '8 '^ '

0X0 X-X- X0X00X0 X-X- X0X00X0 X-X- X0X00X0 X-X- X0X00X0 X

9 '^ 'A '^ 'B '^ 'C '^ 'D '^ 'E '^ 'F '^ 'G '^ '

-X- X0X00X0 X-X- X0X00X0 X-X- X0X00X0 X-X- X0X00X0 X-X- X

1 '^ '2 '^ '3 '^ '4 '^ '5 '^ '6 '^ '7 '^ '8 '^ '

0X00X0 X-X- X0X00X0 X-X- X0X00X0 X-X- X0X00X0 X-X- X0X0

9 '^ 'A '^ 'B '^ 'C '^ 'D '^ 'E '^ 'F '^ 'G '^ '
```

#### chorus 1

```
X-X00 X-X- X-X00 X-X- X-X00 X-X- X-X00 X-X- X-X00 X-X- X-X0 X-X- X
```

#### interlude

#### ??

X0X- X0X00X- X0X- X0X00X- X0X- X0X00X- X0X- X0X00X- ---- 1 '^ '2 '^ '3 ' ^ '4 '^ '5 '^ '6 ' ^ '7 '^ '^ '8 '^ '

 $\label{eq:Size:48} \begin{array}{l} Size:48~(4+7+4+7+4+7+4+7+4)\\ Structure:ABABABABC\\ A: xox.~4~times,~B: xoxxox.~4~times,~C:~\cdots~once. \end{array}$ 

# FB riff

# I Am Colossus

BPM: 60

# The Demon's Name Is Surveillance

BPM: 72

# **Do Not Look Down**

BPM: 80

# **Behind The Sun**

Initial BPM: 47.5, but there are some changes:

- 47.5 @intro
- 95 @2'48"
- 47.5 @3'29")
- 95 @4'15"
- 47.5 @4'34")
- 95 @5'28" or before if you want
- 47.5 @5'49")

# **The Hurt That Finds You First**

Initial BPM: 250, but there are some changes:

- 250 @intro
- 63 @2'24"

# **Marrow**

BPM: 150

# **Break Those Bones Whose Sinews Gave It Motion**

BPM: 68.5

# **Swarm**

BPM: 67.5

# **Demiurge**

Initial BPM: 85, but there are some changes:

- 85 @intro
- 42.5 @2'26"
- 85 @4'00"
- 42.5 @pre outro (4'18")

# **Clockworks**

Special thanks to <u>Yogev</u>. In this song  $\tau_r$  is meant to be played as a xx0 or a x00 but in a triplet to fit in the duration of two notes.

#### intro (×2)

# intro with lead guitar (×2)

same as intro

#### verse $1 (\times 1)$

```
X-X--Tr X--X--TrTr X--X--X--X--TrTrTr X--X--TrTr X--X--TrTr I ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' X--X--X--TrTrTr X--X--TrTr X--X--X--TrTr X--X--X--TrTr X--X--X-
```

Size : 256 (8+10+18+10+8+10+18+10+8+10+18+10+8+10+18+10+8+10+8+10+18+10+8+1

### post-verse 1 (×1)

Same numbers than verse 1 but with a different orchestration ( $\tau_{\Gamma}$  are now x-) and Jens only sings on the last half of the pattern.

# transition (×1)

```
X-+- +-+- +-+-

1 ' ^ ' 2 ' ^ '

Size : 16 (4+4+4+4)

Structure : BAAA

A: --- 3 times, B: x-- once,
```

#### verse $2 (\times 1)$

same as verse 1

# chorus $1 (\times 2)$

```
X--X--X--X--X-- TrTrTrTrTrTrTrTr X--X--X--X--X-- TrTrTrTrTrTrTr 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' TrTr X--X--X--X--X--X--X-- TrTrTrTrTrTrTrTrTr X--X--X--X--X-- TrTrTrTrTr 9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

Size: 128 (18+16+18+16+18+16+18+8)

Structure : ABABABAC

A:  $x_{-}x_{-}x_{-}x_{-}x_{-}$  4 times, B:  $t_{-}t_{-}t_{-}t_{-}t_{-}$  7 times, C:  $t_{-}t_{-}t_{-}t_{-}$  7 once.

## guitar solo (throughout the 16 bars)

X--1 ^

Size: 3 notes in one chunk.

# end of guitar solo, first part (×1)

same as intro

### end of guitar solo, second and last part (×1)

The xos at the end answer the guitar.

Size : 128 (8+11+6+11+8+11+6+11+8+11+5+4+4+4+4+4+4+4+4) Structure : BCDEBCDEBCFAAAAAAA

A: +-x0 8 times, B: x--x--tr 3 times, C: x--x--x--x- 3 times, D: x--x-- twice, E: x--x--x--twice, F: x--x- once.

#### pre-verse 3

```
+-X0+- +-
```

#### verse 3

# **Born In Dissonance**

## intro (×1)

When this section loops (here with verse 1) you get three x-x--xx- in a row.

```
X--XX- X-X--XX- X-X--XX- X-X--XX- XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--XX--
```

#### verse $1 (\times 1)$

same as intro with different notes

#### post verse $1 (\times 1)$

```
X--XX- X--XX- X--XX- X--XX- X--XX- X--XX- X0X0 X--XX- X--XX- X--XX- X--XX- 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' X--XX- X--XX- X0X0 X--XX- X--XX- X--XX- X--XX- X--XX- X0X0 X--XX- X-9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '
```

# verse $2 (\times 2)$

Half of verse 1. Now you get two x-x--xx- in a row.

```
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
Size: 128 (6+8+10+12+12+12+6+8+10+12+12+12+6+2)
Structure: BCDAAABCDAAABE
A: x-x-x-xx- 6 times, B: x--xx- 3 times, C: x-x--xx- twice, D: x-x-x--xx- twice, E: x- once.
```

#### post verse $2 (\times 1)$

Jens arrives after the 4th measure (3rd line) but the pattern sequences continues unchanged. Then we have 8 measures before the bridge. That's why we have 12 measures (of 32 32nd notes, hence the 384 total count).

Beware! The pattern sequence changes at beat 5 in the 3rd line where you play a triple B-pattern, maybe to land on beat 9 of the 4th line with XOX as we did on beat 9 of the 2nd line.

Then it changes again on beat F of this 4th line for a nice mess.

```
X--XX- X--XX- X--XX- X0X--XX- X0X--XX- X--XX- X--XX- X--XX- X--XX- 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
X0X--XX- X0X--XX- X--XX- X--XX- X--XX- X0X--XX- X0X--XX- X--XX- X
  -xx- x--xx- x--xx- x0x--xx- x0x--xx- x0x--xx- x--xx- x--xx
X0X--XX- X0X--XX- X--XX- X--XX- X--XX- X0X--XX- X0X--XX- X0X--XX- X--XX- X0X--XX- X--XX- X--X
                                                                                                   A ' ^ ' B ' ^ ' C '
                                                                                                                                                                                                                                                                                                                                                                                                                       ^ ' D ' ^ '
  -XX- X0X--XX- X--XX- X--XX- X0X--XX- X--XX- X0X--XX- X--XX- X0X--X
1' ^'2' ^'3' ^'4' ^'5' ^'6' ^'7' ^'8' ^'
```

Size: 384

#### bridge

Size: 256 (48+12+48+12+12+48+12+48+12+4)

Structure: BABAABABAC

# guitar solo (x2)

same as intro

# post guitar solo (×1)

Size: 256 (26+32+26+32+8+26+32+26+32+16)

Structure: ABABCABABD

A: x-xxx-x-++++ 4 times, B: x-xx-x-x-x-x-x-x-4 times, C: +++++ once, D: ++0xxxx-x-+++ once.

# end verse

```
X- X--XX- X--XX- X--XX- X-X-X- X--XX- X--XX- X-X-X- X--XX- X--XX- X-+- X-+-+-+
9 ' ^' A ' ^' B ' ^' C ' ^' D ' ^' E ' ^' F ' ^' G ' ^'
```

A: x--xx- 28 times, B: x-x-x- 6 times, C: x-x-x-x- 5 times, D: x-+- once, E: x-+-+-- once.

#### outro

																												- X>			
1	1	^	1	2	1	^	1	3	1	^	1	4	1	^	1	5	1	^	1	6	1	^	1	7	•	^	١	8 '		^	1
																												· X-			
9	1	^	•	Α	•	^	1	В	1	^	•	C	1	^	1	D	1	^	•	Ε	•	^		F	1	^	•	G	1	^	1
- )	(χ.	- )	Κ	+-+	<b></b> -	+	+	+	<b>-</b>	+	+	+ - +	<b>-</b>	+ - +	<b></b> -	+-+	<b>-</b>	+ - +	<b></b> -	+ - +	<b>-</b> - +	+-+		+-+	+	- >	( <sub>-</sub> .	XX.	- X -	- X	X -

# **Violent Sleep Of Reason**

#### intro

? 1 '

Size: 1 notes in one chunk.

# intro part 2

Size: 0 notes in one chunk.

#### verse 1

Size: 192 (2+11+12+8+8+7+9+11+12+8+8+7+9+11+12+8+8+7+9+11+12+2)
Structure: FBCAADEBCAADEBCAADEBCG
A: xx-xx-x - 6 times, B: xxx-xx-x - 4 times, C: xxx-xx-x - 4 times, D: x-x-x-x - 3 times, E: xx-xx-x - 3 times, F: x- once, G: xo once.

# post-verse 1

same as verse 1

# verse 2

same as verse 1

# guitar solo

```
XXOX- X-X-XX- XXOX- XXOX- XX

1 '2 '3 '4 '5 '6 '7 '8 '

OX- XXOX- XXOX- X-X-X-X-X-

9 'A 'B 'C 'D 'E 'F 'G '

X-XX- XXOX- X-X-XX- XXOX- XX

1 '2 '3 '4 '5 '6 '7 '8 '

OX- XXOX- XXOX- XXOX- X-X-X-

9 'A 'B 'C 'D 'E 'F 'G '

XX- X-X-XX- XXOX- X-X-X-XX

1 '2 '3 '4 '5 '6 '7 '8 '

OX- XXOX- XXOX- XXOX- XXOX- X

9 'A 'B 'C 'D 'E 'F 'G '

-X-X-XX- X-X-XX- XXOX- XXOX- X

1 '2 '3 '4 '5 '6 '7 '8 '

-X-X-XX- X-X-XX- XXOX- XXOX- X

1 '2 '3 '4 '5 '6 '7 '8 '

XX- XXOX- XXOX- XXOX- XXOX- XXOX-

1 '2 '3 '4 '5 '6 '7 '8 '

XX- XXOX- XXOX- XXOX- XXOX- XXOX-

9 'A 'B 'C 'D 'E 'F 'G '
```

# post guitar solo

same as guitar solo

# bridge

```
X-+-XX-X-XX-X- X--+-XX-X-XX-X- X--+-XX-X-XX-X- X--+
1 '^ '2 '^ '3 '^ '4 '^ '5 '^ '6 '^ '7 '^ '8 '^ '
-XX-X-XX-X- X--+-XX-X-XX-X- X--+-XX-X-XX-X- X--+-+
```

```
9 '^ 'A '^ 'B '^ 'C '^ 'D '^ 'E '^ 'F '^ 'G '^ '
Size: 96 (14+15+15+15+15+15+7)
Structure: BAAAAAC A: x--+-xx-x-xx-x- 5 times, B: x-+-xx-x-xx-x- once, C: x--+-+- once.
```

# bridge with vocals $(\times 2)$

same as bridge

## pre verse 3

Same as verse but half time.

```
X- X0X-X0X-X-- X0X-X0X-X-X- XX-XX-X- XX-XX-X- X-X-X-1 '^ '2 '^ '3 '^ '4 '^ '5 '^ '6 ' ^ '7 '^ '8 '^ '
XX-XX-X-- X0X-X0X-X-- X0X-X0X-X-X- XX-XX-X- XX-XX-X-
9 '^ 'A ' ^ 'B '^ 'C ' ^ 'D '^ 'E '^ 'F '^ 'G '^ '
```

 $Size: 192\ (2+11+12+8+8+7+9+11+12+8+8+7+9+11+12+8+8+7+9+11+12+2)$ Structure: FBCAADEBCAADEBCAADEBCG A: xx-xx-x-6 times, B: xxx-xx-x-4 times, C: xx-xx-x-4 times, D: x-x-x-x-3 times, E: xx-xx-x-3 times, F: x-x-x-x-3 times, F: x-x-

#### verse 3

same as verse but half time

#### post verse 3

same as verse but half time

#### outro

1 '

Size: 1 notes in one chunk.

# **Ivory Tower**

#### intro

```
XXX+ XXXX+ XXXXX+ XXX+ X+ XX+
1 '^ '2 ' ^ '3 ' ^ '4 ' ^ '
Size: 24 (4+5+6+4+2+3)
Structure : ABCADE
A: xxx+ twice, B: xxxx+ once, C: xxxxx+ once, D: x+ once, E: xx+ once.
```

# verse 1

Size: 96 (3+6+3+3+6+3+6+3+6+3+6+3+6+3+6+3+6+3+3+6+3+3) Structure: ABAABABAAABABAABAABAC A: xx+ 15 times, B: xxx+x+ 8 times, C: x++ once.

### inter verse

same as intro

#### verse 2

same as verse 1

# **Broken Cog**

BPM: 58

## intro

```
o+- XooXoXooXooXoo+-XooXo+- XooXoXooXooXo+-XooXo+- X
9 ' ^ 'A '^ 'B '^ 'C '^ 'D '^ 'E '^ 'F '^ 'G '^
00X0X00X00X0+-X00X0+- X00X0X00X00X0+-X00X0+- X00X0
1 '^ '2 '^ '3 '^ '4 ' ^ '5 '^ '6 '^ '7 '^ '8 '^ '
XooXooXo+-XooXo+- XooXoXooXooXo+-XooXo+- XooXooXoo
9 '^ 'A '^ 'B '^ 'C '^ 'D '^ 'E '^ 'F ' ^ 'G '^ '
```

Size : 192 (7+22+22+22+22+22+22+22+9) Structure : BAAAAAAAC

A:  $x_00x_0x_00x_0x_0+x_00x_0+$  8 times, B:  $x_00x_0+$  once, C:  $x_00x_00x_0$  once.

# **The Abysmal Eye**

This one is difficult to encode neatly because the pattern is very long. Again, thanks to Yogev for his work (<u>video</u> <u>with the full song</u> - <u>detailed explanation</u>). I'm gonna use a variation of his notation:

- T means xoxo
- D means x-+-
- v means +-+-

Initial BPM: 88, but there are some changes:

- 88 @intro
- 44 @final riff (4'07")

#### intro

Some additional guitars on second half.

The repeating pattern ( $\times 4 + 1$  maimed) is the tound to the true to the true.

# **Light The Shortening Fuse**

Initial BPM: 100, but there are some changes:

- 100 @intro
- 50 @chorus (1'16")

# **Phantoms**

Initial BPM: 54, but there are some changes:

- 54 @intro
- 108 @outro riff (2'52")

#### pre-outro

# outro (three times)

The pre-outro pattern starts on the second beat! And also line 3.

Size: 256(4+30+30+30+30+30+30+30+30+12)

```
Structure: BAAAAAAAAC \\ A: x_{-0+-++0+-+0+-+0+-+0+-+0+-+0+-+0+-} Stimes, \ B: x_{-+} \ once, \ C: x_{-+0+-+-+0+-} \ once.
```

# **Ligature Marks**

BPM: 74

# **God He Sees In Mirrors**

We have the same 46 32nds pattern throughout the song (the A pattern of the intro). I personaly would have started it on the third X but let's make it simple.

Initial BPM: 74, but there are some changes:

- 74 @intro
- 37 @guitar solo (2'58")
- 74 @guitar solo (second part 3'24")

#### intro

# pre verse 1 (one silent bar but the pattern still goes on)

A: x-+-x-x-+0+-x-+0+-x-+0+-x-+x-x-+-x-x-+0+-x-x-5 times, B: x-+-x-x-+0+-x-+0+-x-+0+-x- once,

```
+-X-X-+-X-X-+0+-X-X- X-+-X-X-+0+-
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '

Size : 32 (20+12)
Structure : AB
A: +-X-X--X-40+-X-- once, B: x-+-X-X-+0+- once.
```

### verse 1

# mid verse 1 (one silent bar but the pattern still goes on)

```
+-X-X-+0+-X-+0+-X-+0+-X-+-X-X-+-
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '
```

Size: 32 notes in one chunk.

### verse 1, part 2

Size: 128 (12+46+46+24) Structure: BAAC

A: x-+-x-x-+0+-x-+0+-x-+0+-x-+0+-x-+0+-x-x- twice, B: x-x-+0+-x-x- once, C: x-+-x-x-+0+-x-+0+-x-+0+- once.

#### chorus 1

Size : 128 (22+46+46+14) Structure : BAAC

#### post chorus 1

+0+-X-+0+-X-+-X-X-+-X-X-+0+-X-X- X-+-X-X-+0+-X-+0+-X-+0+-X-+0+-X-X-

```
1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ '
```

Size: 64 (32+32) Structure : AB

A: +0+-X-+0+-X-+-X-X-+0+-X-+0+-X-- once, B: X-+-X-X-+0+-X-+0+-X-+0+-X-- once.

# post chorus 1, part 2

Size: 128 (14+46+46+22)

Structure: BAAC

A: x-+.x-x-+0+.x-+0+.x-+0+.x-+0+.x-+.x-x-+0+.x-x-+0+.x-x- twice, B: +-x-x-+0+.x-x- once, C: x-+.x-x-+0+.x-+0+.x-+0 once.

#### verse 2

X-+0+-X-+0+-X-+-X-X-+-X-X-+0+-X-X-X-+0+-X-X-+0+-X-+0+-X-+0+-X-+X-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' X-+-X-X-+0+-X-X-X-+-X-X-+0+-X-+0+-X-+0+-X-+0+-X-+X-X-+-X-X-+0+-X-X-X-9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '

Size: 256 (24+46+46+46+46+46+2)

# verse 2, part 2

Size: 128 (44+46+38) Structure : ABC

#### post verse 2

Size: 128 (8+46+46+28)

Structure: BAAC

# pre verse 3 (six beats in a bar)

Size: 48 (18+30)

Structure: AB

A: x-x-+-x-x-+0+-x-x- once, B: x-+-x-x-+0+-x-+0+-x-+0+-x-+-x- once.

#### verse 3

9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' +0+-X-+-X-X-+-X-X-+0+-X-X-X-+X-X-+0+-X-+0+-X-+0+-X-+X-X-+-X-X-+-X-X-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' +0+-X-X- X-+-X-X-+0+-X-+0+-X-+0+-X-+-X-X-+-X-X-+0+-X-X- X-+-X-X-+0 9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '

Size: 256 (16+46+46+46+46+10)

Structure : BAAAAAC

A: x-+-x-x-+0+-x-+0+-x-+0+-x-+-x-x-+0+-x-x- 5 times, B: x-+-x-x-+0+-x-x- once, C: x-+-x-x-+0 once.

# guitar solo (quarter time)

+-X-+0+-X-+0+-X-+-X-X-+-X-X-+0+-X-X- X-+-X-X-+0+-X-+0+-X-+0+-X-+0+-X-+1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' X-X-+-X-X-+0+-X-X- X-+-X-X-+0+-X-+0+-X-+0+-X-+-X-X-+-X-X-+0+-X-X-9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ ' 

Size: 256 (36+46+46+46+46+36)

Structure: BAAAAC

A: x-+.x-x-+0+.x-+0+.x-+0+.x-+0+.x-+0+.x-+0+.x-x-4 times, B: +-x-+0+.x-+0+.x-+0+.x-x-+0+.x-x-0 once, C: x-+.x-x-+0+.x-+0+.x-+0+.x-+0+.x-x-x-0 once,

#### guitar solo, part 2 (half time)

X-+0+-X-X- X-+-X-X-+0+-X-+0+-X-+0+-X-+-X-X-+-X-X-+0+-X-X- X-+-X-X- 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' +-X-X-+-X-X-+0+-X-X- X-+-X-X-+0+-X-+0+-X-+0+-X-+X-X-X-+-X-X-+-X-X-+0+-X-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' X- X-+-X-X-+0+-X-+0+-X-+0+-X-+0+-X-X-+-X-X-+0+-X-X-9 '^'A'' A''^'B''^'C''^'D''^'E''^'F''^'G''^'

Size: 256 (10+46+46+46+46+16)

Structure : BAAAAAC

A: x-+-x-x-+0+-x-+0+-x-+0+-x-+0+-x-+0-x-x-0 once.

# pre verse 4 (one bar)

+-X-+0+-X-+-X-X-+-X-X-+0+-X-X-X-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '

Size: 32 (30+2) Structure : AB

A: +-x-+0+-x-+-x-x-+-x-x-+0+-x-x- once, B: x- once.

# verse 4 (starts like verse 2, part 2)

+-X-X-+0+-X-+0+-X-+0+-X-+0+-X-X-X-+-X-X-+0+-X-X-X-+0+-X-+0+-X-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' 9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ ' 

Size: 192 (44+46+46+46+10)

Structure: BAAAC

# mid verse 4 (six beats in a bar)

+-X-+0+-X-+0+-X-+-X-X-+-X-X-+0+-X-X- X-+-X-X-+0+-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ '

Size: 48 (36+12)

Structure : AB A: +-X-+0+-X-+0+-X-+0+-X-X-+0+-X-X- once, B: X-+-X-X-+0+- once.

# verse 4, part 2 (same as verse 1)

Size: 128 (34+46+46+2)

Structure : BAAC

# 2nd mid verse 4 (one bar, same as mid verse 1)

+-X-X-+0+-X-+0+-X-+0+-X-+-X-X-+ 1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ '

Size: 32 notes in one chunk.

# verse 4, part 3 (same as verse 1, part 2)

Size: 128 (12+46+46+24)

Structure: BAAC

 $A: x_{-+-x_{-}x_{-}+0+-x_{-}$ 

# chorus 2 (same as chorus 1)

X-+-X-X-+-X-X-+0+-X-X- X-+-X-X-+0+-X-+0+-X-+0+-X-+X-X-X-+-X-X-+0+-1 ' ^ ' 2 ' ^ ' 3 ' ^ ' 4 ' ^ ' 5 ' ^ ' 6 ' ^ ' 7 ' ^ ' 8 ' ^ ' X-X- X-+-X-X-+0+-X-+0+-X-+0+-X-+X-X-+-X-X-+0+-X-X-X-+0+-X-X-9 ' ^ ' A ' ^ ' B ' ^ ' C ' ^ ' D ' ^ ' E ' ^ ' F ' ^ ' G ' ^ '

Size: 128 (22+46+46+14)

Structure: BAAC

A: x-+-x-x-+0+-x-+0+-x-+0+-x-+-x-x-+0+-x-x- twice, B: x-+-x-x-+0+-x-x- once, C: x-+-x-x-+0+-x- once.

# **They Move Below**

Initial BPM: 79, but there are some changes:

• 79 @drums in

• 40 @longer riff (5'45")

# **Kaleidoscope**

Initial BPM: 74, but there are some changes:

- 74 @intro37 @bridge towards the end (3'08")
- 74 @final riff (3'36")

# **I Am That Thirst**

BPM: 70

# **The Faultless**

BPM: 66

# **Armies Of The Preposterous**

BPM: 66