

THEORY OF THE RHYTHMOGLYPHS

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DIRECT ACCESS TO STUDY MUSICAL RHYTHM.

ADDITIVE WAY OF STRUCTURING AND UNDERSTANDING TIME.

[illegible]

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1. TERMS AND DEFINITIONS:

Binary: tempo divided by 2 and its multiples - **Ternary:** tempo divided by 3 and its multiples -

Subdivisions (SD): divide the tempo:

SD1 quarter notes (tempo) - **SD2** eights notes - **SD3** triplet notes - **SD4** sixteenth notes - **SD6** sextuplets

Subdivisions are the partitions of an even tempo and, like a scale or lattice, form the basis of the Rhythmoglyphs. Many people can clap along the beat (SD1), but only few manage to clap exactly in between (SD2), preamplifier for SD 4. Then comes the mystical, less angular triplet (SD3).....

BINARY SUBDIVISIONS:

Are applied with even numbered blocs of units (6, 8, 10, 12 etc.)

TERNARY SUBDIVISIONS:

Are applied with blocs of units divisible by 3 (6, 9, 12, 15 etc.)

Notenvergleich

2. THE FIRST THREE GLYPHS :



! Essential: each glyph finishes with an additional silent unit !

| = 2 units X = 3 units Δ = 4 units

Before reading the blocs:

To start with, you must determine a regular tempo (SD 1) as well as a corresponding subdivision.

The easiest SD's are 2 + 4.

Choose an easy tempo, mind the regularity of the tempo and use movements of the feet, of body and head. Possibly without the help of a metronome.

Then feel, speak or tap almost unhearable the subdivision you want (SD 2, 3 or 4) to your constant beat.-

After this, decode, play, drum, clap or speak the chosen blocs repeatedly.

Repeat the following 12unit-blocs:

take SD2,4,3 or 6

|XXΔ |XΔX |ΔXX X|XΔ ΔX|X
		XX	X	X			X	X X		X X		X		
		Δ		Δ			Δ			Δ		Δ		
	ΔΔ	ΔΔ		Δ	Δ Δ	Δ	Δ		Δ ΔΔ					

Mirrored blocs:

10 units = |XX| 12 units = |X|X| + |ΔΔ|
14 units = ΔXXΔ 16 units = |XXXX| 18 units = |XΔΔX|
20 units = X|ΔΔ|X + |ΔΔΔΔ| + ΔXXXXΔ
24 units = XΔX||XΔX 32 units = |X||XΔΔX||X|

Odd movements:

24units = 3 x 7 + 3 take SD2,4,3 or 6

X||X||X||X + ||X||X||X|X
XΔXΔXΔX + |X||X||X|X

32units = 4 x 7 + 4 / 3 x 9 + 5 take SD2, or 4

X||X||X||XΔ + X||X||X||X||Δ
|||X|||X|||X| + XΔ|XΔ|XΔ||X

3. ADDING GLYPHS 4 AND 5 :



! Essential: each glyph finishes with an additional silent unit !

 = 5 units  = 6 units

Repeat the following blocs four times, and then as a sequence:

take SD2,4,3 or 6

12 units =   +     +    +    +    +   

take SD2, or 4

8 units =   +   +   +  

16 units =     +      +     +    
    +     +     +    +   

Up and down “STANDARD 32 UNIT PHRASE” in it’s 8 Figures:

       	       
       	       
       	       
       	       

4. ESSENTIAL ADDITIONAL SIGNS : (Muffled glyphs, Stroke and Dots)

Muffled glyphs: $I \times \Delta \square \bigcirc$ are acoustically left out glyphs:

$$I \Delta I + I \Delta I \quad \text{or} \quad I \times \times + \times \times I$$

Stroke: $-$ is an additional one-unit pause:

$$\begin{aligned} \text{Universal rhythm (8)} &= I - I - I \\ \text{Riff (7)} &= III - III - \end{aligned}$$

Dots: $\dots$ are used in rearranging blocs:

$$\square \times = \times \times \dots \quad \text{or} \quad \bigcirc \times = \Delta \times \times \quad \text{or} \quad II \Delta = II \dots$$

Muffled glyphs:

repeat each bloc 4 times and think the silent Glyphs, as quiet as possible.

$$12 \text{ units} = I \times \times \Delta + I \times \times \Delta + I \times \times \Delta + I \times \times \Delta$$

$$16 \text{ units} = I \times I \times I \Delta + I \times I \times I \Delta + I \times I \times I \Delta$$

$$24 \text{ units} = \times \Delta \Delta \times \Delta \Delta I + \times \Delta \Delta \times \Delta \Delta I$$

Stroke:

symbolises an additional silent unit between or before Glyphs. (*repeat the blocs!*)

$$16 \text{ units} = I - II \times - I \times + II - II - \times \times + - \times I - I \Delta I$$

$$\Delta \times \bigcirc \times + \times - I - I \times \Delta + - \Delta I - I \square \times$$

Dot:

enables an additional reversion within a bloc:

$$12 \text{ units / SD2} = II \square \times \text{ from the last beat of } \square = I \times II \dots$$

$$16 \text{ units / SD2} = I \times \square \bigcirc \text{ from the third beat of } \square = \times \bigcirc I \times \dots$$

Examples

$$12 \text{ units / SD2} = II \square \times = 3/4 \quad I \times \times \Delta + I \times \times$$

5. STUDIES

Subdivisions 3, 4 and 5

SD 3

2/4 - 6 units XX IX• -X•• II•• ΔI IΔ XI•
3/4 - 9 units IXΔ II□ OX -X□ XII•• -IΔI
4/4 - 20 units IXXΔXIX IIXΔIXX -IΔXIX□

SD 4

2/4 - 8 units XXI IXX -XI•• IIX• ΔI-• IΔ••
3/4 - 12 units IXIX•• II□X XOX □ΔX -X□X
4/4 - 16 units IIIXIIIX □O□ I-I-Δ-Δ- -IΔIOI•

SD 5

2/4 - 10 units IXIX XIXI IIXI• -IXI•• -XIX•
3/4 - 15 units IXIIXX IIXΔX -IΔXIX IX□XI
4/4 - 20 units IXXΔXIX IIXΔIXX -IΔXIX□

With muffled glyphs:

10 units SD2 = 5/4 - SD5 = 2/4 !

IXXI IIII I-I-I-• I-ΔX XIIX XXΔ
ΔΔI □□ □-II-IIΔ- -XIΔ ΔO

15 units SD2 = 15/8 - SD5 = 3/4 - SD3 = 5/4 !

IIXX□ I□X□ -XI-XI-X- XXXXX
OXO □ΔO XIIΔΔ □XΔX

20 units SD2 = 5/4 - SD5 = 4/4 !

IXXI□Δ- I-X-X-XΔ I-ΔXI-I-II XΔXΔXX
IIIIΔIIΔ ΔIIΔIΔIΔ OIIOΔ □-II□-II

5. STUDIES

Repeat the following 8unit-blocs:

take SD2,4 or 8

$$||\Delta + |\Delta| + \Delta|| = ||\Delta + |\Delta| + \Delta||$$

$$|XX + X|X + XX| = |XX + X|X + XX|$$

16 unit-blocs:

$$|X|X|X \cdot ||X||\Delta \cdot -XX-\Delta X||- -||X|||$$

32 unit-blocs:

$$|XX\Delta||XX\Delta|\Delta = |XX\Delta||XX\Delta|\Delta$$

6. EXERCISES

Bar-Control and Ear-Training:

The following exercises can give you more safety, stability and survey in the process of upcoming uneven beats. Without having to count you may achieve the capability to hear and feel uneven bar lengths.!

SD3 - 1bar - 12 units

△△△ + |△△.. + ×△△. + -△△...

SD6 - 2bars - 12 units

○○ + |○... + ×○... + △○.. + △○.. + □○.

SD3 - 1bar - 15 units

□□□ + |□□... + ×□□.. + △□□.

SD4 - 1bar - 16 units

|×|×|×. + ×|×|×|. + △|×|×| + ||×|×|..

SD3 - 2bars - 18 units

△△△△| + |△△△△ + ×△△△×

SD5 - 2bars - 20 units

△△△△△ + |△△△△.. + ×△△△△.

4/4 - 32 units: SD2 - 4bars SD4 - 2bars

○○○○○| splits △○○○○△ + ×○○○○□

□□○○○△ splits ×△○○○□.. + ○○□□○△

||×||×||×||×△ ×△□△△□△× △□△□△□□

3/4 - 24 units: SD2 - 4bars SD3 - 3bars SD4 - 2bars SD6 - 1bar

|×|×|×|×△ + |×|×|×|×|..

□□□□△ + |□□□□.. + ×□□□□.

6. EXERCISES

Mirrored Blocs:

$$10 = | \times \times |$$

$$12 = | \triangle \triangle |$$

$$14 = | \square \square | + \triangle \times \times \triangle$$

$$16 = | \times \times \times \times | + | \circ \circ | + \square \times \times \square$$

$$18 = | \times \triangle \triangle \times | + \times \circ \circ \times + \square \triangle \triangle \square$$

$$20 = \circ | | | | \circ + \times \circ \circ \times + \square \triangle \triangle \square + | \triangle \triangle \triangle \triangle | + \triangle \times \times \times \times \triangle$$

$$22 = \times | \circ \circ | \times + \circ \square \square \circ + \square | | \square | | + \square \times \times \times \times \square$$

$$24 = | \times | \square \square | \times | + \times \triangle \square \square \triangle \times + \triangle | \circ \circ | \triangle + \circ \times \times \times \times \circ$$

$$26 = | \times \triangle \triangle \triangle \triangle \times | + \times \triangle | \triangle \triangle | \triangle \times + | \times | | \triangle \triangle | | \times |$$

$$28 = | \times \triangle \square \square \triangle \times | + \times \times \triangle \triangle \triangle \triangle \times \times + \triangle | | \circ \circ | | \triangle$$

$$30 = \triangle \circ \square \square \circ \triangle + \times \triangle \square \square \triangle \times + \triangle | \circ \circ | \triangle + \circ \times \times \times \times \circ$$

$$32 = | \times | | \times \triangle \triangle \times | | \times | + \times \triangle \square \triangle \triangle \square \triangle \times + \triangle \square | \square \square | \square \triangle$$

Accents in decimes (tenths):

$$10 \text{ units: } SD2 = 5/4 \quad SD5 = 2/4 \quad (\text{repeat each bloc})$$

$$| | \times \times + | | \times | \bullet + | | | \triangle + \times | | \times + \times \times | | + | | - | - |$$

$$| - | | | - + | | - | \times + - | | \times | + - | \times | | + - \times | | | + \times - | | -$$

$$\times - | - | - + | \triangle \triangle + \triangle | \triangle + \triangle \triangle | + | \times \square + | \square \times + \times \square |$$

$$\times \times \triangle + \times \triangle \times + \triangle \times \times + \triangle \circ + \circ \triangle + | | \circ + | \circ | + \circ | |$$

Shifting a 20 units bloc

$$\times - \times \times - \times | - | - + \times - \times | - | - \times - \times + - \times | - | - \times - \times \times$$

$$| - | - \times - \times \times - \times + | \times - \times | - | - \times - \bullet + \times | - | - \times - | - \times -$$

$$\times - | - \times - \times | - | -$$

6. EXERCISES

Odd movements within usual bar-measures:

24 units are equal to the following bar-measures:

$$\frac{2}{4} = 2 \times 12 \quad \frac{3}{4} = 3 \times 8 \quad \frac{4}{4} = 4 \times 6$$

BINARY + TERNARY SD3/4/6 - 24 units

7 =	X I I X I I X I I X	+	I I X I I X I I X X
	X Δ X Δ X Δ X	+	□ I □ I □ I X
9 =	Δ □ Δ □ Δ I	+	I X I I I X I I X
	X Δ I X Δ I O	+	X O X O O
10 =	I I X X I I X X	+	X X I I X X I I Δ
	I Δ Δ I Δ Δ Δ	+	X Δ X X Δ X Δ
11 =	I I X Δ I X Δ I I	+	I X X X I X X X I
	X Δ Δ X Δ Δ I	+	X X □ X X □ I
13 =	I I Δ I X I I Δ X	+	X Δ O X Δ Δ
14 =	I X X X X I X X I	+	I X X X X Δ I I I

BINARY SD4 - 32 units - 4/4

7 =	X I I X I I X I I X Δ	+	X I I X I I X I I X I I Δ
	I I X Δ X Δ X Δ X Δ	+	□ I □ I □ I □ I Δ
9 =	Δ □ Δ □ Δ □ □	+	I I I X I X I
	X Δ I X Δ I X Δ I I X	+	X O X O X O □
	I X Δ X X X Δ □ I X	+	X X X Δ □ I X Δ □
10 =	I I I X X I I X X I I X X I	+	I X I I X X I I X X I I
	I Δ Δ I Δ Δ I Δ I Δ	+	I X X Δ X X Δ X X Δ
11 =	I I X Δ I X Δ I I X X	+	I X X X I X X X I X X I
	X Δ Δ X Δ Δ X Δ X	+	Δ X X □ X X □ X X
13 =	I I Δ I X I I Δ X I O	+	O X Δ O X Δ X X
14 =	I X X X X I X X X X Δ	+	I X X X X Δ I X X X X
15 =	I X I X X I I X I X X I I	+	Δ □ O Δ □ O I

6. EXERCISES

Integrated blocs from 5 to 13 within 24 units :

SD3/4/6 - 24 units

9 =	XΔXΔXΔX	+	□ □ □ X
	Δ□Δ□Δ	+	X XX X X X
	XΔ XΔ O	+	XOXXOO
10 =	XX XX	+	XX XX Δ
	ΔΔ ΔΔΔ	+	XΔXXΔXΔ
11 =	XΔ XΔ	+	XXX XXX
	XΔΔXΔΔ	+	XX□XX□
13 =	Δ X ΔX	+	XΔOXΔΔ
14 =	XXX X X	+	XXX XΔ

Integrated blocs from 7 to 15 within 32 units :

SD3/4/6 - 24 units

7 =	X X X XΔ	+	X X X X Δ
	XΔXΔXΔXΔ	+	□ □ □ □ Δ
9 =	Δ□Δ□Δ□□	+	X X
	XΔ XΔ XΔ X	+	XOXOXO□
	XΔXXXΔ□ X	+	XXXΔ□ XΔ□
10 =	X X X X X X	+	X X X X X
	ΔΔ ΔΔ Δ Δ	+	XXΔXXΔXXΔ
11 =	XΔ XΔ XX	+	XXX XXX X X
	XΔΔXΔΔXΔX	+	ΔXX□XX□XX
13 =	Δ X ΔX O	+	OXΔOXΔXX
14 =	XXX X XXX XΔ	+	XXX XΔ XXX X
15 =	X X X X X X ()	+	Δ□OΔ□O()

6. EXERCISES

TWO GROUP STUDIES

For a group of four voices:

VERS 1 24 blocs **3/4** - SD2 **4/4** - SD23

Voice 1 ||△|||△||

Voice 2 △×|-|△□-|

Voice 3 ×△×|×△×|

Voice 4 ○○○○

For a group of six voices:

VERS 1 24 blocs **3/4** - SD2 **4/4** - SD23

Voice 1 ||△||△||

Voice 2 |||△|||△

Voice 3 △△|△△|

Voice 4 △△|△×||

Voice 5 -||△-||-△-

Voice 6 |-|-|-×-|-||