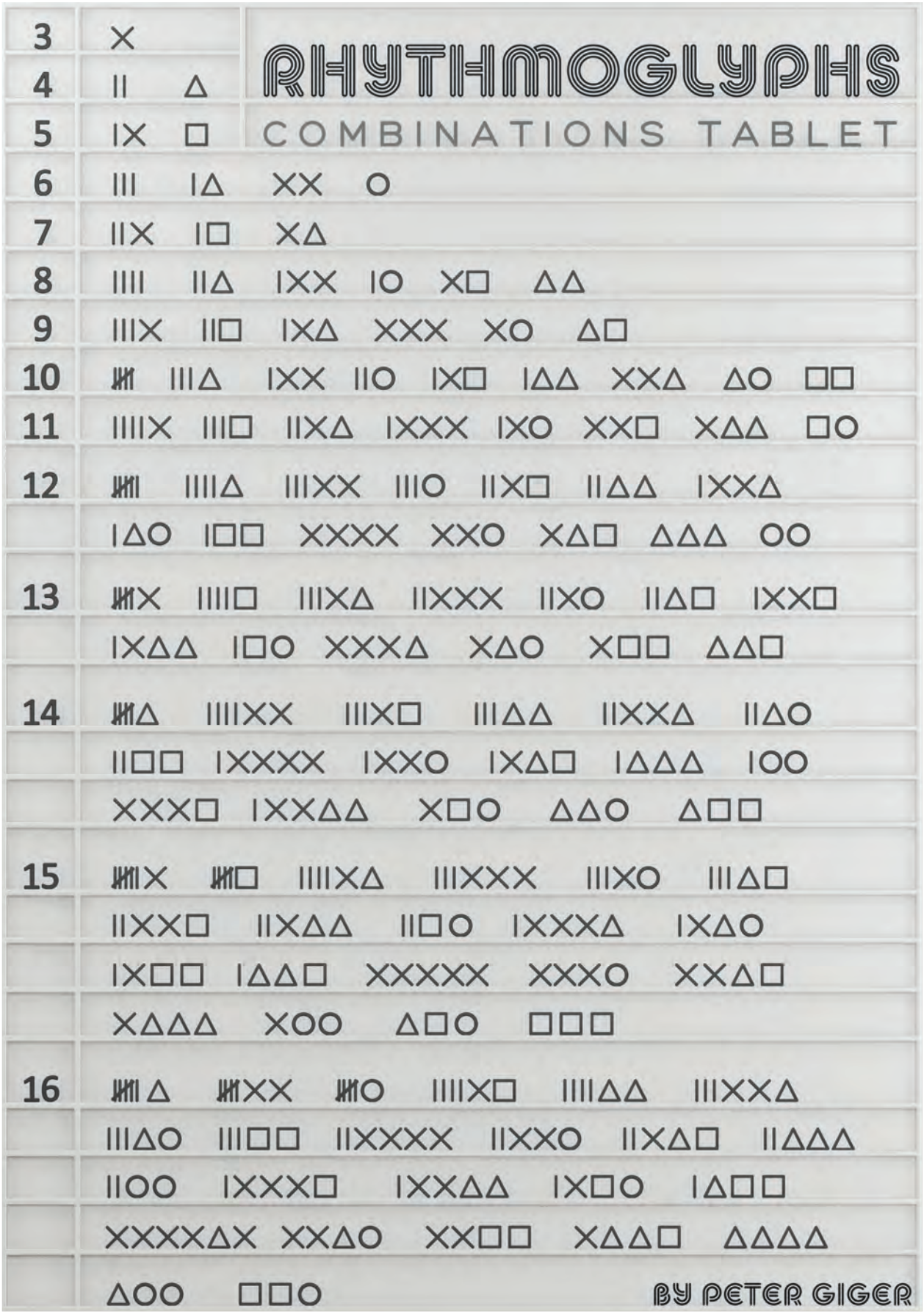
THEORY OF THE RHYTHMOGLYPHS

by Peter Giger

DIRECT ACCESS TO STUDY MUSICAL RHYTHM.
ADDITIVE WAY OF STRUCTURING AND UNDERSTANDING TIME.



CONTENT

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)…….

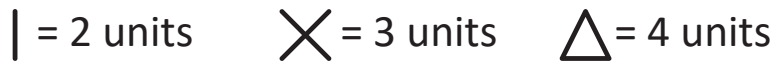
BINARY SUBDIVISIONS:
Are applied with even numbered blocs of units (6, 8, 10, 12 etc.)

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 !

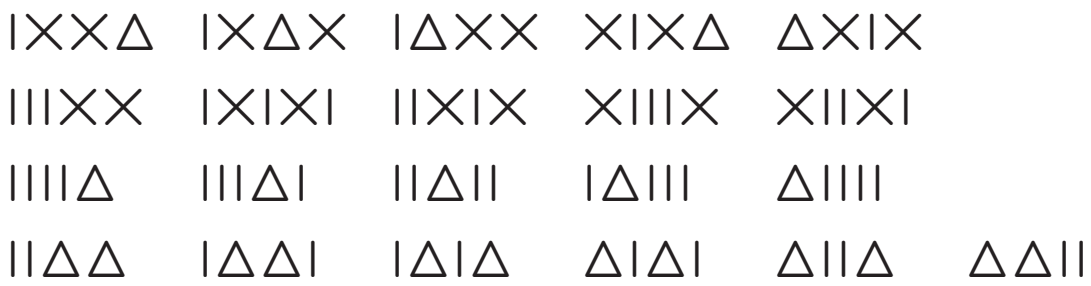


Before reading the blocs:

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 m etronome.
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



Mirrored blocs:

10 units = 

12 units = 

14 units = 

16 units = 

18 units = 

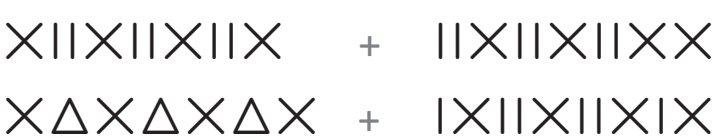
20 units = 

24 units = 

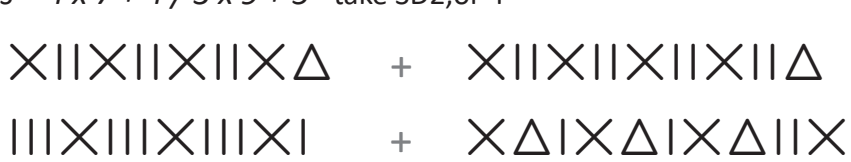
32 units = 

Odd movements:

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



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



3. ADDING GLYPHS 4 AND 5 :

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

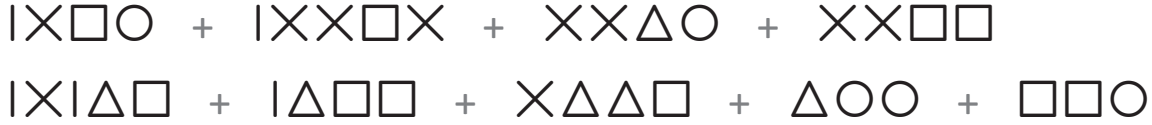
Repeat the following blocs four times, and then as a sequence:

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: |X△□○ are acoustically left out glyphs:

|△| + |△| or |XX + XX|

Stroke: – is an additional one-unit pause:

Universal rhythm (8) = |–|–|
Riff (7) = |||–|||–

Dots: ••• are used in rearranging blocs:

□X = XX•• or ○X = △XX or ||△ = ||••

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

12 units = |XX△ + |X X△ + |X X△ + |XX△

16 units = |X|X|△ + |X|X|△ + |X|X|△

24 units = X△△X△△| + X△△X△△|

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

16 units = |–||X–|X + ||–||–XX + –X|–|△|

△X○X + X–|–|X△ + –△|–|□X

Dot:
enables an additional reversion within a bloc:

12 units / SD2 = ||□X from the last beat of □ = |X||•••

16 units / SD2 = |X□○ from the third beat of □ = X○|X••

Examples

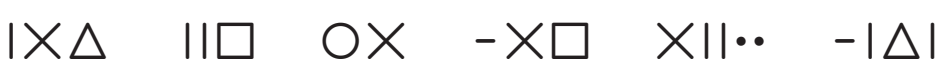
12 units / SD2 = ||□X = 3/4 |X X△ + |X X

5. STUDIES

Subdivisions 3, 4 and 5

SD 3

2/4 - 6 units 

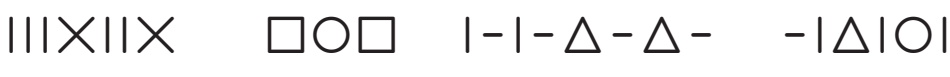
3/4 - 9 units 

4/4 - 20 units 

SD 4

2/4 - 8 units 

3/4 - 12 units 

4/4 - 16 units 

SD 5

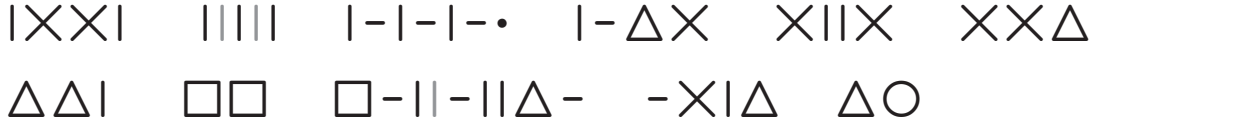
2/4 - 10 units 

3/4 - 15 units 

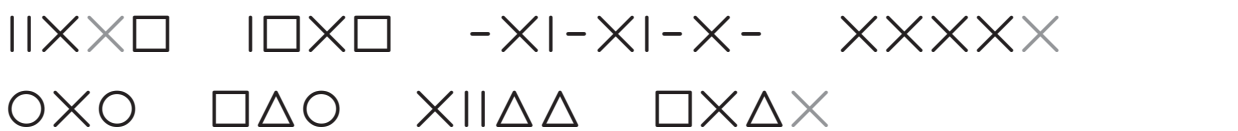
4/4 - 20 units 

With muffled glyphs:

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



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



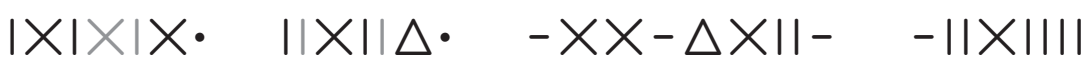
20 units SD2 = 5/4 - SD5= 4/4 !

5. STUDIES

Repeat the following 8unit-blocs:

take SD2,4 or 8

16 unit-blocs:



32 unit-blocs:

6. EXERCISES

Bar-Control and Ear-Training:

The following exercises can give you more safety, stability and survey in the processof 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

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

6. EXERCISES

Mirrored Blocs:

10 = |XX|

12 = |ΔΔ|

14 = |□□| + ΔXXΔ

16 = |XXXX| + |OO| + □XX□

18 = |XΔΔX| + XOOX + □ΔΔ□

20 = O||||O + XOOX + □ΔΔ□ + |ΔΔΔΔ| + ΔXXXXΔ

22 = X|OO|X + O□□O + □||□|| + □XXXX□

24 = |X|□□|X| + XΔ□□ΔX + Δ|OO|Δ + OXXXXO

26 = |XΔΔΔΔX| + XΔ|ΔΔ|ΔX + |X||ΔΔ||X|

28 = |XΔ□□ΔX| + XXΔΔΔΔXX + Δ||OO||Δ

30 = ΔO□□OΔ + XΔ□□ΔX + Δ|OO|Δ + OXXXXO

32 = |X||XΔΔX||X| + XΔ□Δ Δ□ΔX + Δ□|□□|□Δ

Accents in decimes (tenths):

10 units: SD2 = 5/4 SD5 = 2/4 *(repeat each bloc)*

||XX + ||X|• + |||Δ + X||X + XX|| + ||-|-|

|-|||- + ||-|X + -||X| + -|X|| + -X||| + X-||-

X-|-|- + |ΔΔ + Δ|Δ + ΔΔ| + |X□ + |□X + X□|

XXΔ + XΔX + ΔXX + ΔO + OΔ + ||O + |O| + O||

Shifting a 20 units bloc

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

|-|-X-XX-X + |X-X|-|-X-• + X|-|-X-|-X-

X-|-X-X|-|-

6. EXERCISES

Odd movements within usual bar-measures:

24 units are equal to the following bar-measures:

2/4 = 2 x 12 **3/4** = 3x 8 **4/4** = 4 x 6

BINARY + TERNARY SD3/4/6 - 24 units

7 =  + 

 + 

9 =  + 

 + 

10 =  + 

 + 

11 =  + 

 + 

13 =  + 

14 =  + 

BINARY SD4 - 32 units - 4/4

7 =  + 

 + 

9 =  + 

 + 

 + 

10 =  + 

 + 

11 =  + 

 + 

13 =  + 

14 = +

15 = +

6. EXERCISES

Intgrated blocs from 5 to 13 within 24 units :

SD3/4/6 - 24 units

9 =  + 

 + 

 + 

10 =  + 

 + 

11 =  + 

 + 

13 =  + 

14 =  + 

Intgrated blocs from 7 to 15 within 32 units :

SD3/4/6 - 24 units

7 =  + 

 + 

9 =  + 

 + 

 + 

10 =  + 

 + 

11 =  + 

 + 

13 = +

14 =  + 

15 = +

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