

# Emotional Mapping

by Monsenhor enVide Nefelibata  
mixed media on paper » 103 x 176 mm  
49 sheets  
2017

*journal that documents the creation of this art  
installation shown at Elefsina in Greece*

[https://instagram.com/explore/tags/emotional\\_mapping\\_marionetasman\\_dragora/](https://instagram.com/explore/tags/emotional_mapping_marionetasman_dragora/)  
[https://instagram.com/explore/tags/emotionalmapping\\_aveiro\\_elefsina/](https://instagram.com/explore/tags/emotionalmapping_aveiro_elefsina/)



# ABOUT

A project co-created with the musician Pedro Fonseca and production by “4IS – Plataforma para a Inovação Social”.

This emotional urban mapping is a temporary installation at the old train station of Elefsina in Greece – near Athens.

My way of thinking urban art is that it will basically be and should be created for an audience rather heterogeneous and for that matter multiple readings will be perceived. Consequently, the artwork must contain different layers for these wide audiences. Sometimes even different meanings and contradictory ones are intentionally worked on top of each other. That is the beauty within, the deepness of it.

I'm not implying that urban art should be somewhat hermetic nor easily understandable. I'm affirming that it must lead to a dialogue between artist and viewer and between viewers themselves.





# ΣΥΝΑΙΣΘΗΜΑΤΙΚΉ ΚΑΡΤΟΓΡΆΦΗΣΗ

synaisthimatikí chartográfisi



19 DIC . 2016

# SYNTONIC TEMPERAMENT

Regular diatonic tunings have also been referred to as syntonic temperaments. This terminology is used for an instrument able to adjust timbres using inharmonic instruments with tempered fifths anywhere of the regular diatonic tunings. It is named after the syntonic comma resemblance to quarter comma meantone where the syntonic comma is not tempered out, but the partials are adjusted to give a similar sound. Major thirds of quarter comma meantone while also preserving its property that the major third is made up of two equally sized tones.

*Transporte :*

T E X T O

[https://en.wikipedia.org/wiki/Regular\\_diatonic\\_tuning#Syntonic\\_temperament\\_a](https://en.wikipedia.org/wiki/Regular_diatonic_tuning#Syntonic_temperament_a)

# PYTHAGOREAN TUNING

Pythagorean tuning (Greek: Πυθαγόρεια κλίμακα) is a tuning of the syntonic temperament in which the generator is the ratio 3:2 (i.e., the untempered perfect fifth), which is **702 cents** wide.

Since it is a system of musical tuning in which the frequency ratios of all intervals are based on the ratio 3:2, "found in the harmonic series." This ratio, also known as "pure" perfect fifth, is chosen because it is one of the most consonant and easiest to tune by ear and because of importance attributed to the integer 3. As Ptolemy put it, "The musical proportions seem to me to be particularly correct natural proportions."

[https://en.wikipedia.org/wiki/Pythagorean\\_tuning](https://en.wikipedia.org/wiki/Pythagorean_tuning)

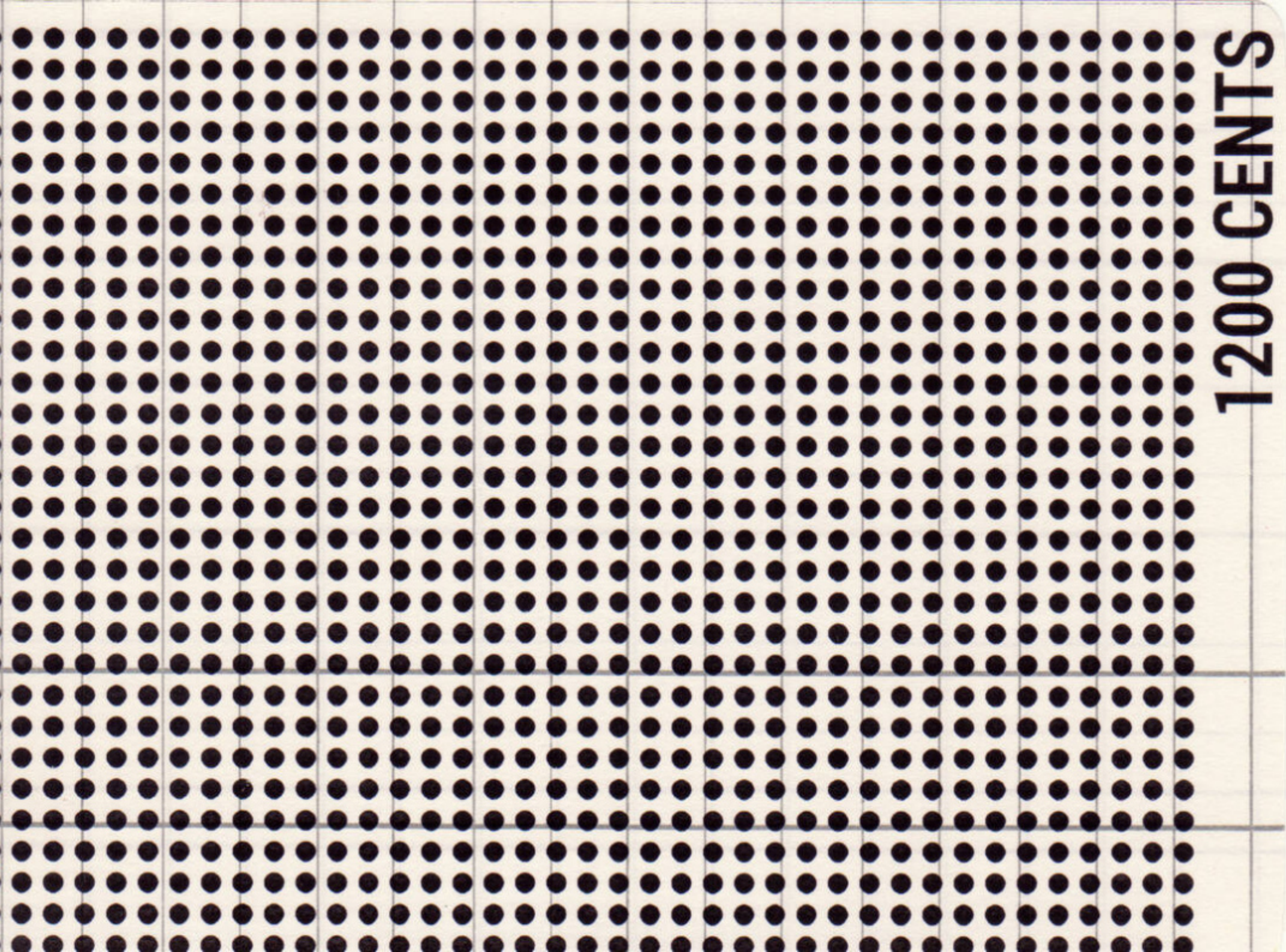


# CENT (MUSIC)

The cent is a logarithmic unit of measure used for musical intervals. In equal temperament, the octave is divided into 12 semitones of 100 cents each. Typically, cents are used to express small intervals, or to compare comparable intervals in different tuning systems, and in fact the cent is too small to be heard between successive notes.

It is difficult to establish how many cents are perceptible to humans; this varies greatly from person to person. One author stated that humans can distinguish a difference in pitch of about 5–6 cents. The threshold is perceptible, technically known as the just noticeable difference (JND), varies as a function of the frequency, the amplitude and the timbre. In one study, a decrease in tone quality reduced student musicians' ability to recognize, and distinguish, pitches that deviated from their appropriate values by  $\pm 12$  cents.

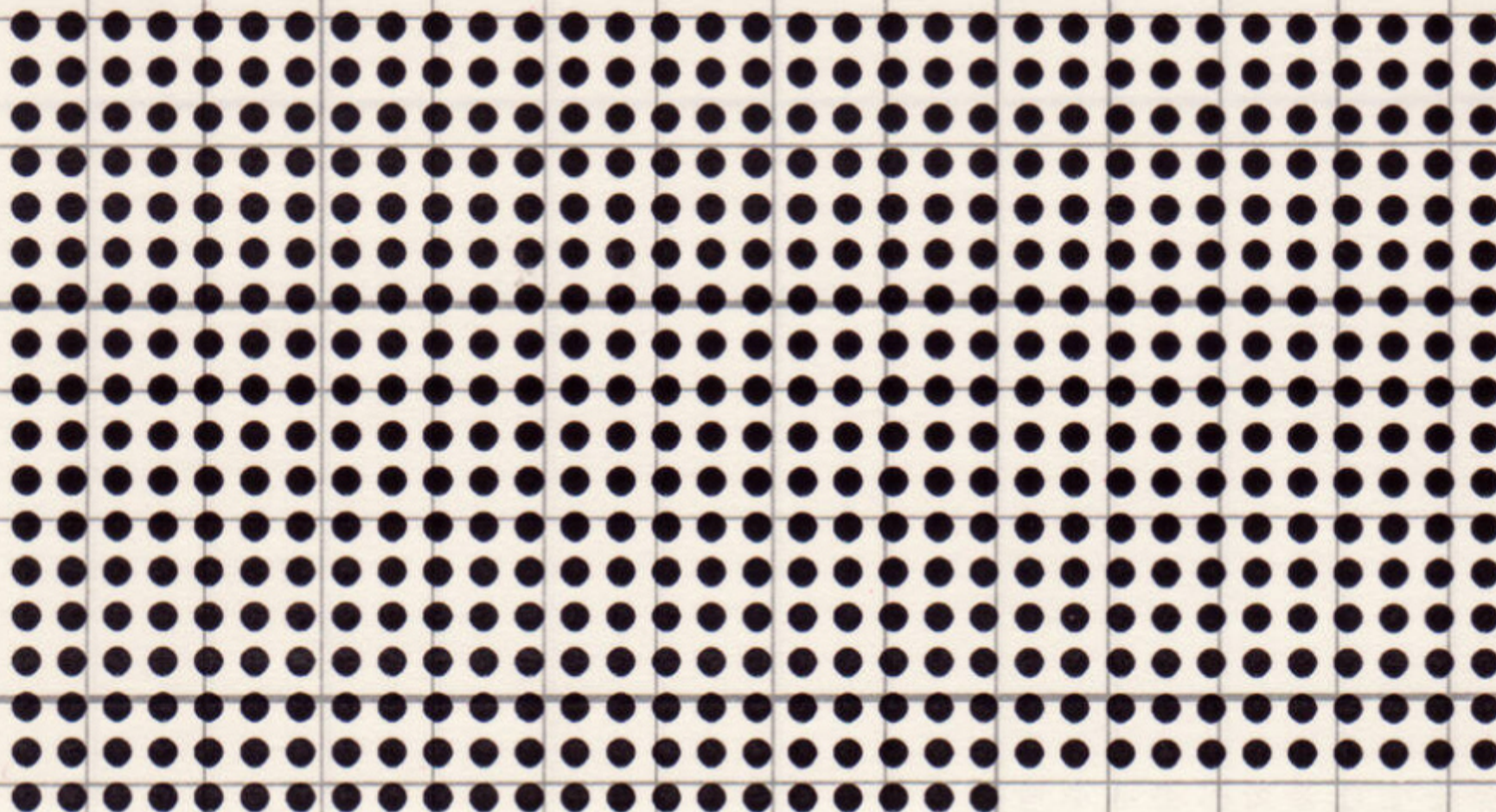
[https://en.wikipedia.org/wiki/Cent\\_\(music\)](https://en.wikipedia.org/wiki/Cent_(music))

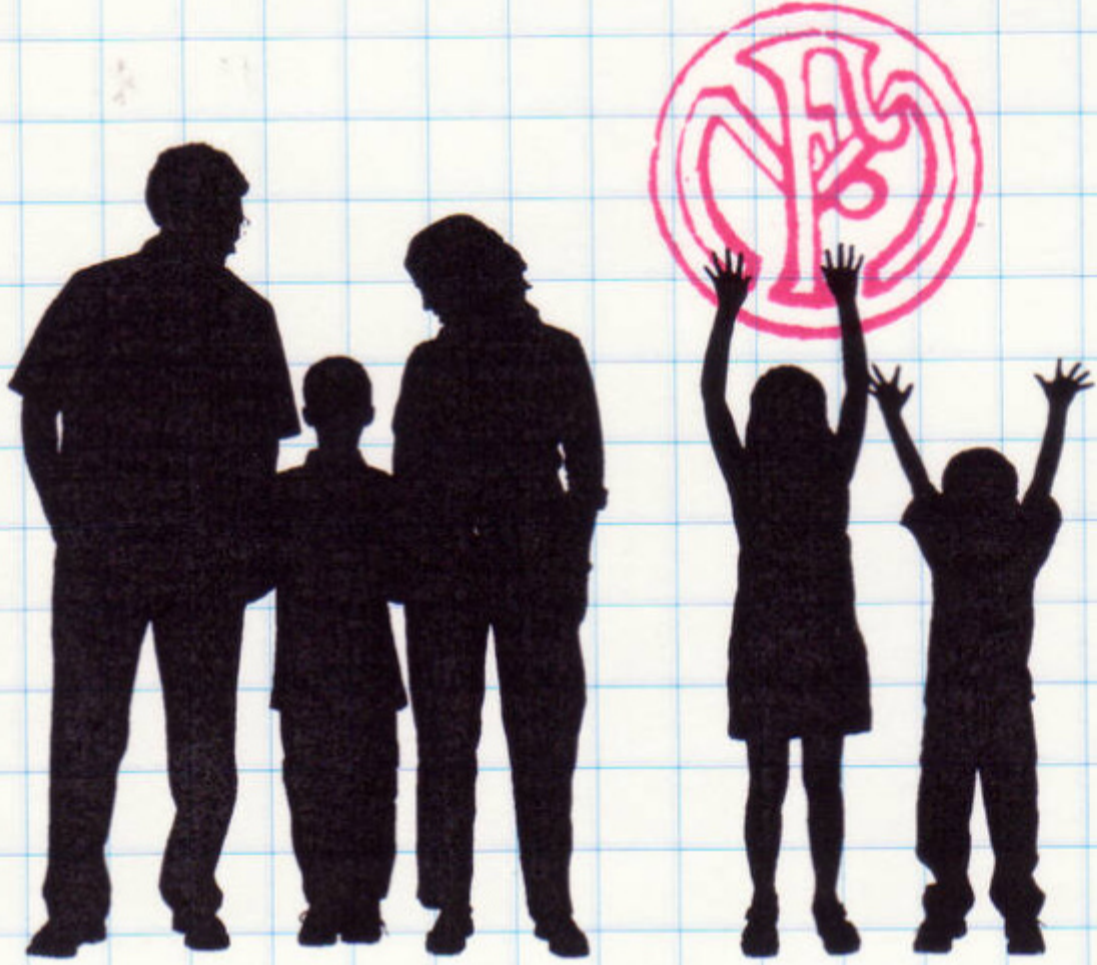


1200 CENTS

CRÉDITO

DÉBITO

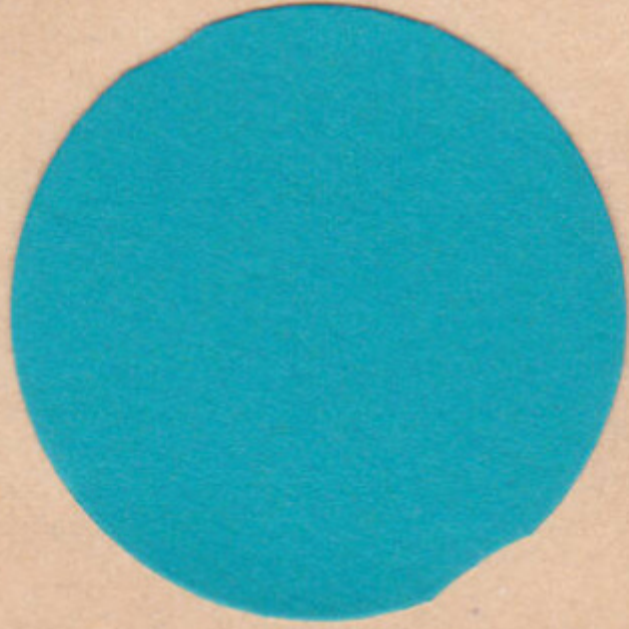
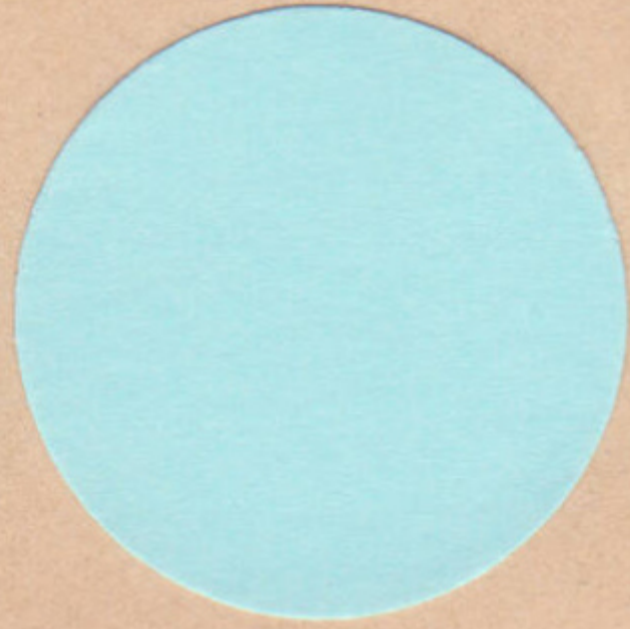
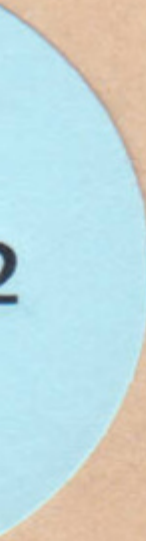
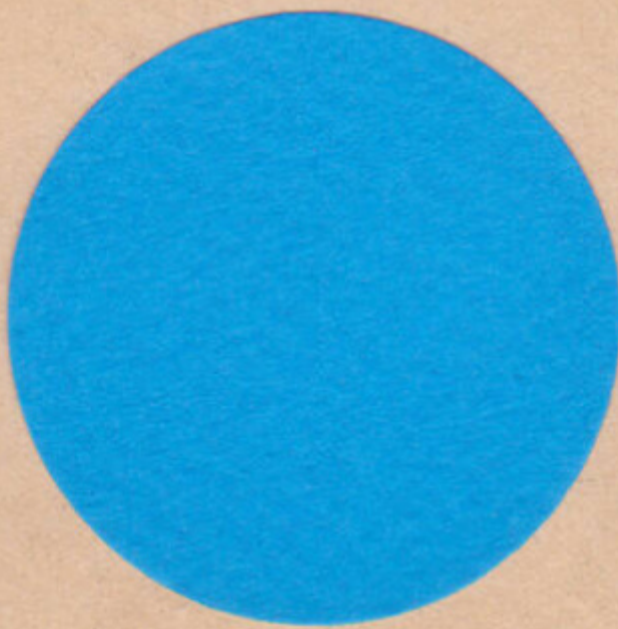




**CENTS**



E 2017





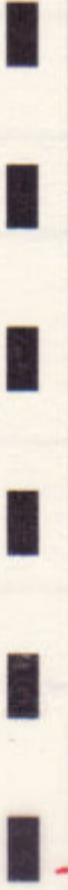
14 ENE 2017





3220000

14 ENE 2017



3



2



1



5



1

2

CP

# FREQUENCY

# NOTE

147 Hz

D

147 x 2 = 294 Hz

D an octave higher

147 x 3/2 = 220 Hz

A

294 x 2/3 = 196 Hz

G

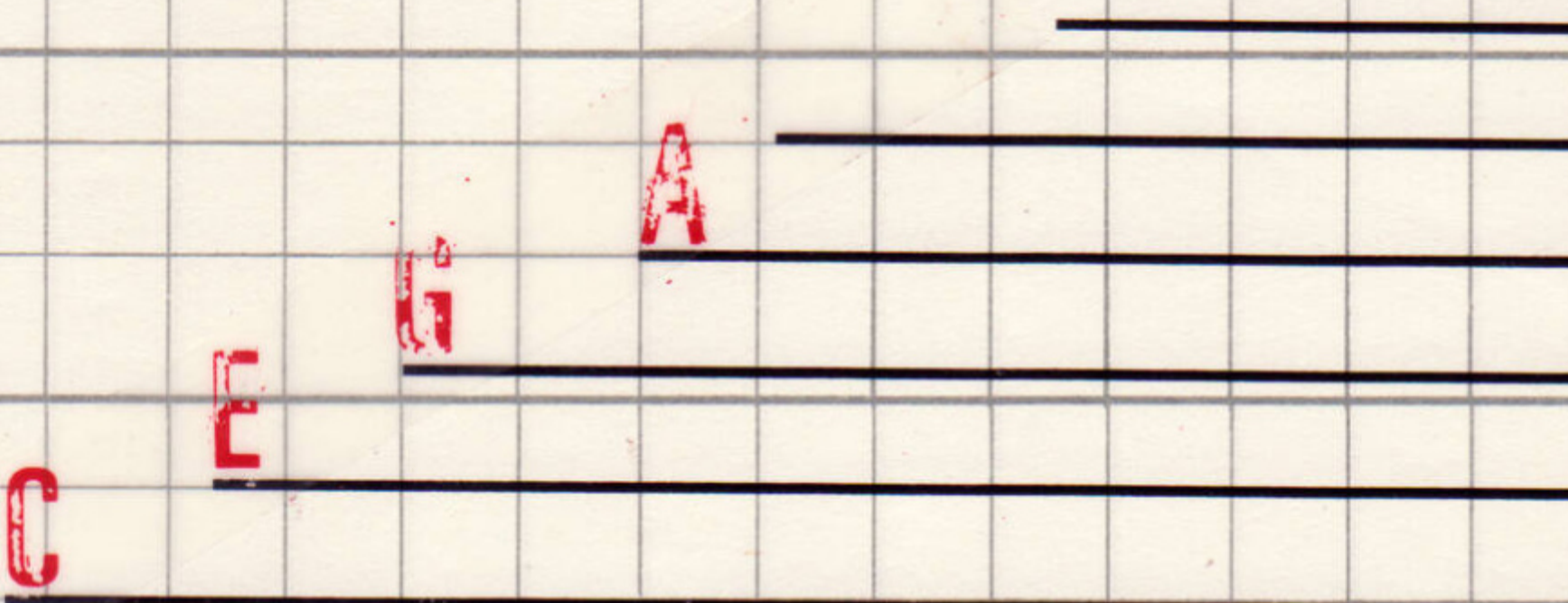
220 x 3/2 = 330 Hz

E

193 x 2/3 x 2 = 261 Hz

C

DÉBITO



CP

CP

## FREQUENCY

## HEIGHT

## NOTES

## COLORS

7 Hz	X cm	child figure	blue
5 Hz	X cm	female figure	blue
0 Hz	X cm	male figure	blue
1 Hz	X cm	hero figure	wood
4 Hz	X cm	demigod figure	wood
0 Hz	Xcm	god figure	wood

## WOOD MEASURES (PLANKS 12x3cm)

LAYER » cm

LAYERS » cm



## FREQUENCY

147 Hz

196 Hz

220 Hz

261 Hz

294 Hz

330 Hz

## HEIGHT

170 cm

226 cm

254 cm

302 cm

340 cm

382 cm

## NOTES

average human figure



## WOOD MEASURES (PLANKS 12x3cm)

1 LAYER

» 1674 cm

~85€

2 LAYERS

» 3348 cm

~170€

# FREQUENCY      HEIGHT      NOTES

147 Hz	114 cm
196 Hz	151 cm
<b>220 Hz</b>	<b>170 cm</b>
<b>261 Hz</b>	<b>201 cm</b>
294 Hz	227 cm
330 Hz	255 cm



**average human figure**  
**hero figure**

## WOOD MEASURES (PLANKS 12x3cm)

1 LAYER

2 LAYERS

» 1118 CM  
» 2236 CM

~55€

~110€



## FREQUENCY

147 Hz

196 Hz

220 Hz

261 Hz

294 Hz

330 Hz

## HEIGHT

123 cm

165 cm

185 cm

219 cm

248 cm

278 cm

## NOTES

child figure

female figure

male figure

hero figure

demigod figure

god figure

## WOOD MEASURES (PLANKS 12x3cm)

1 LAYER

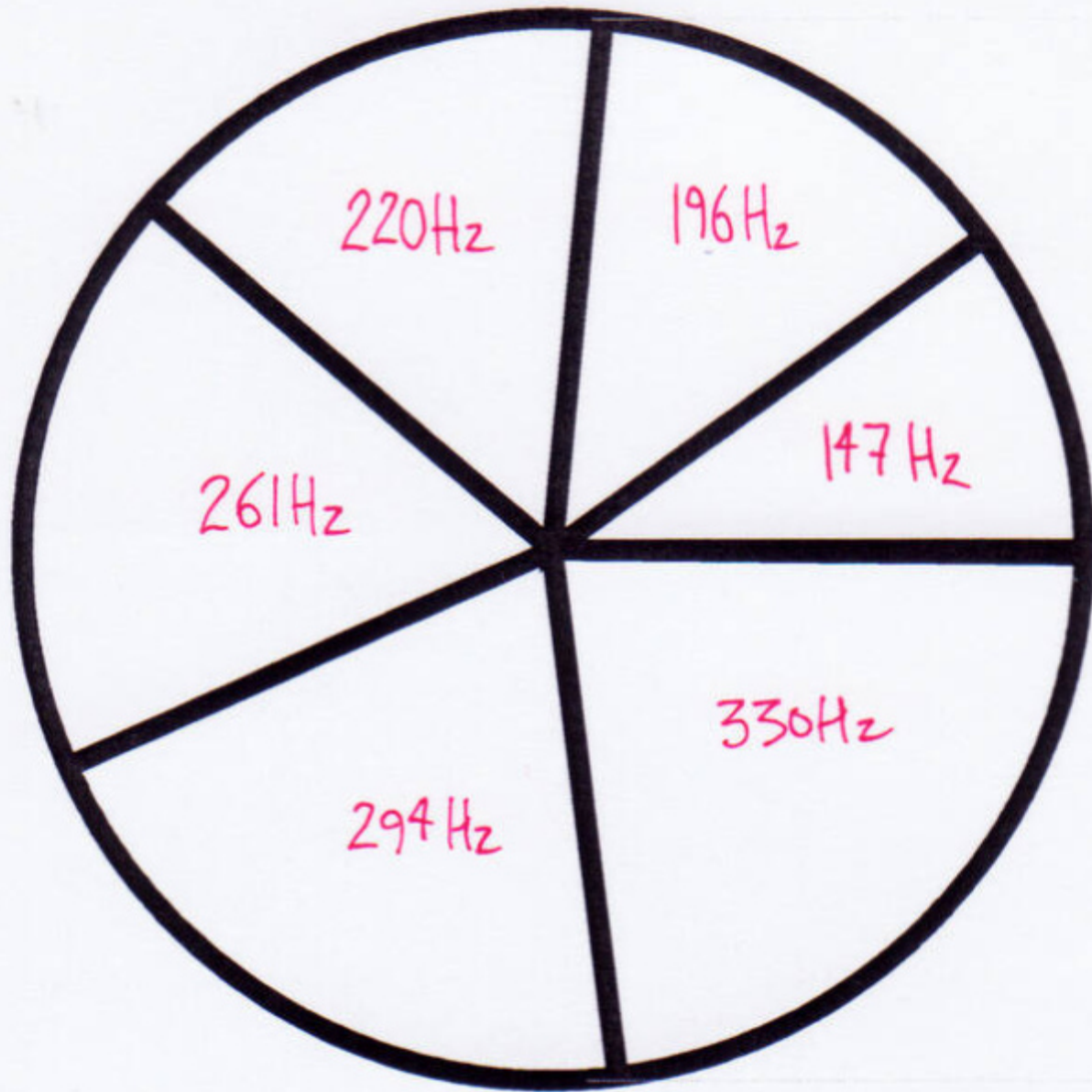
» 1218 cm

~65€

2 LAYERS

» 2436 cm

~125€



1.4 ENE 2017

# HEIGHT

114 cm

151 cm

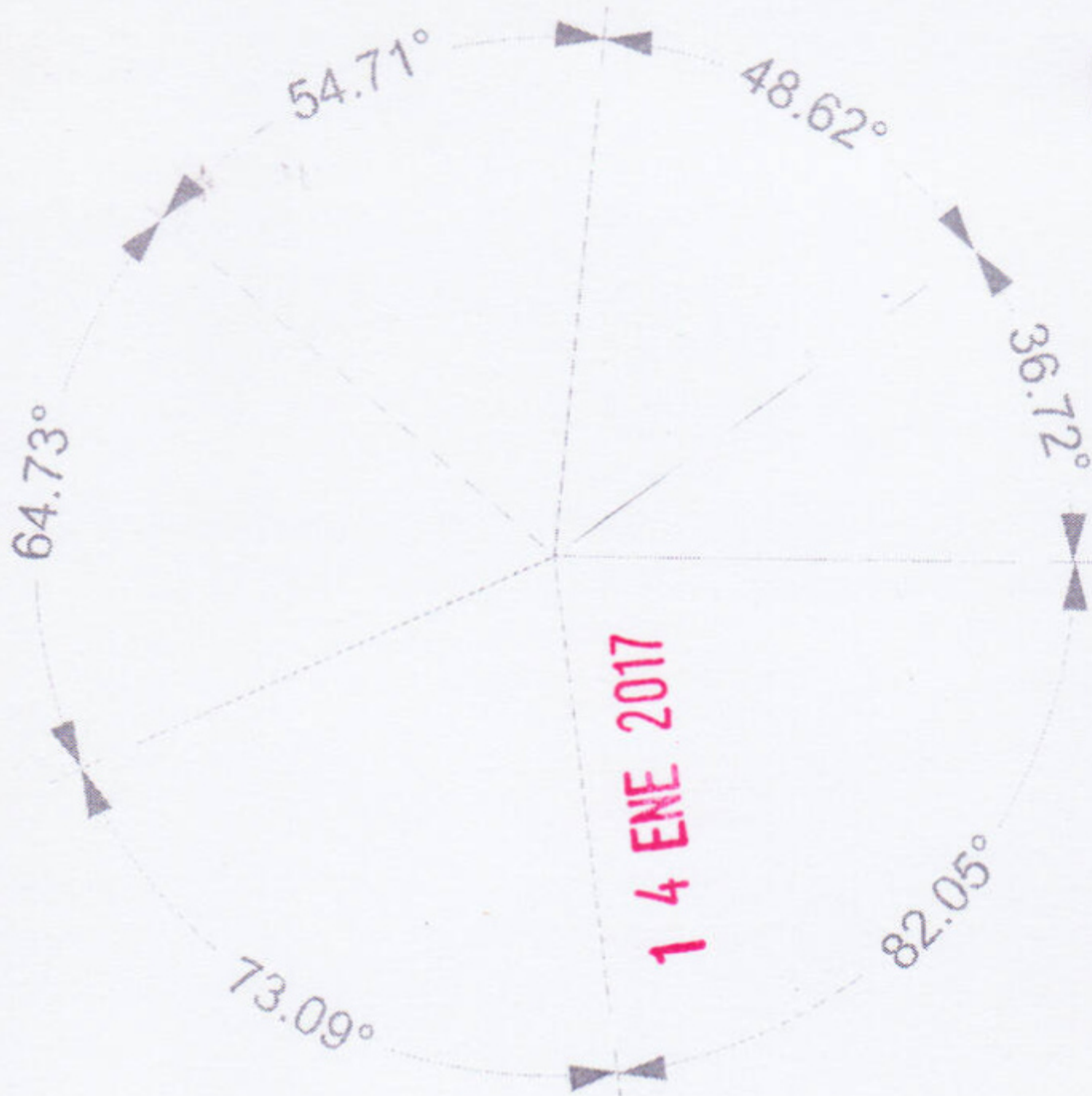
**170 cm**

**201 cm**

227 cm

255 cm

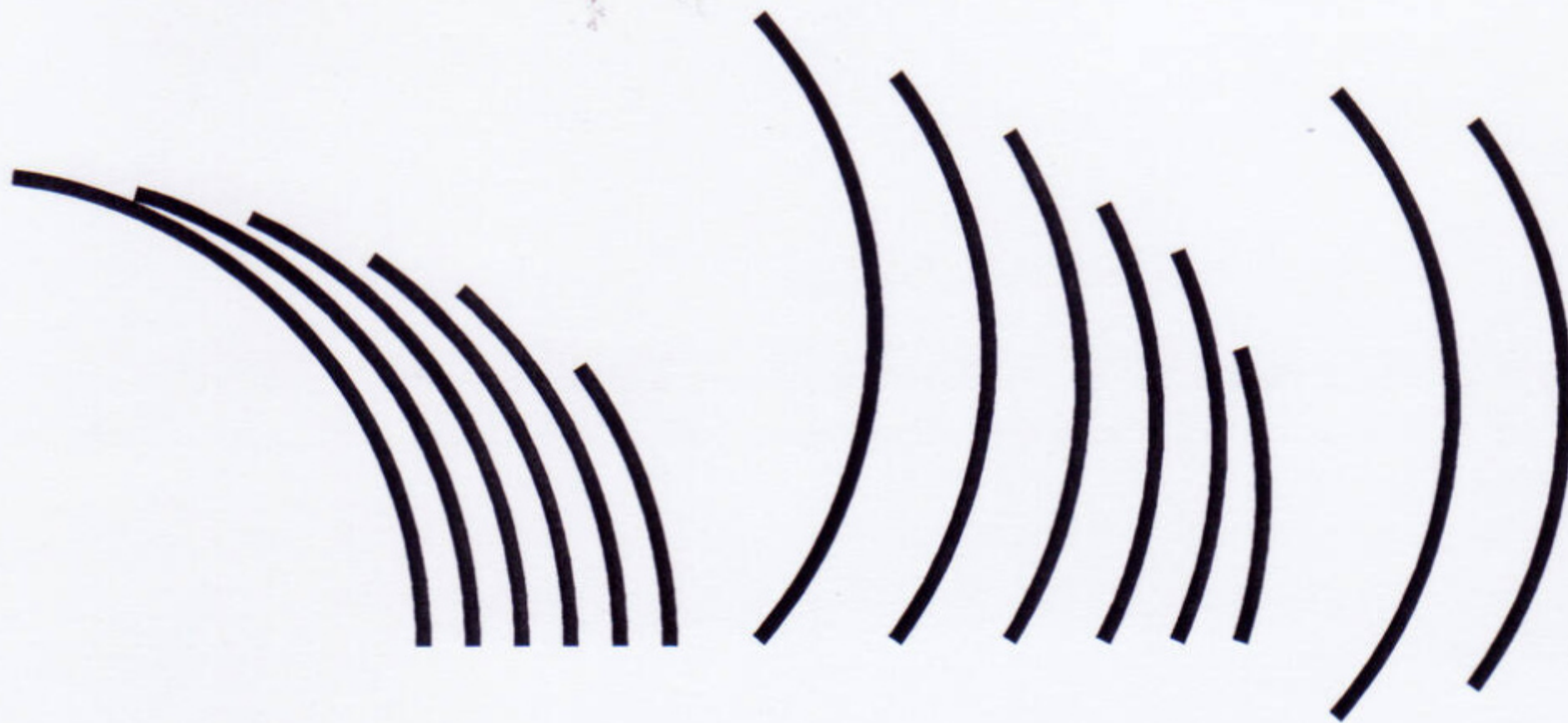
1118 cm ~



1 4 ENE 2017

.12







1118

14 ENE 2017



C 22.36



R 3.55870

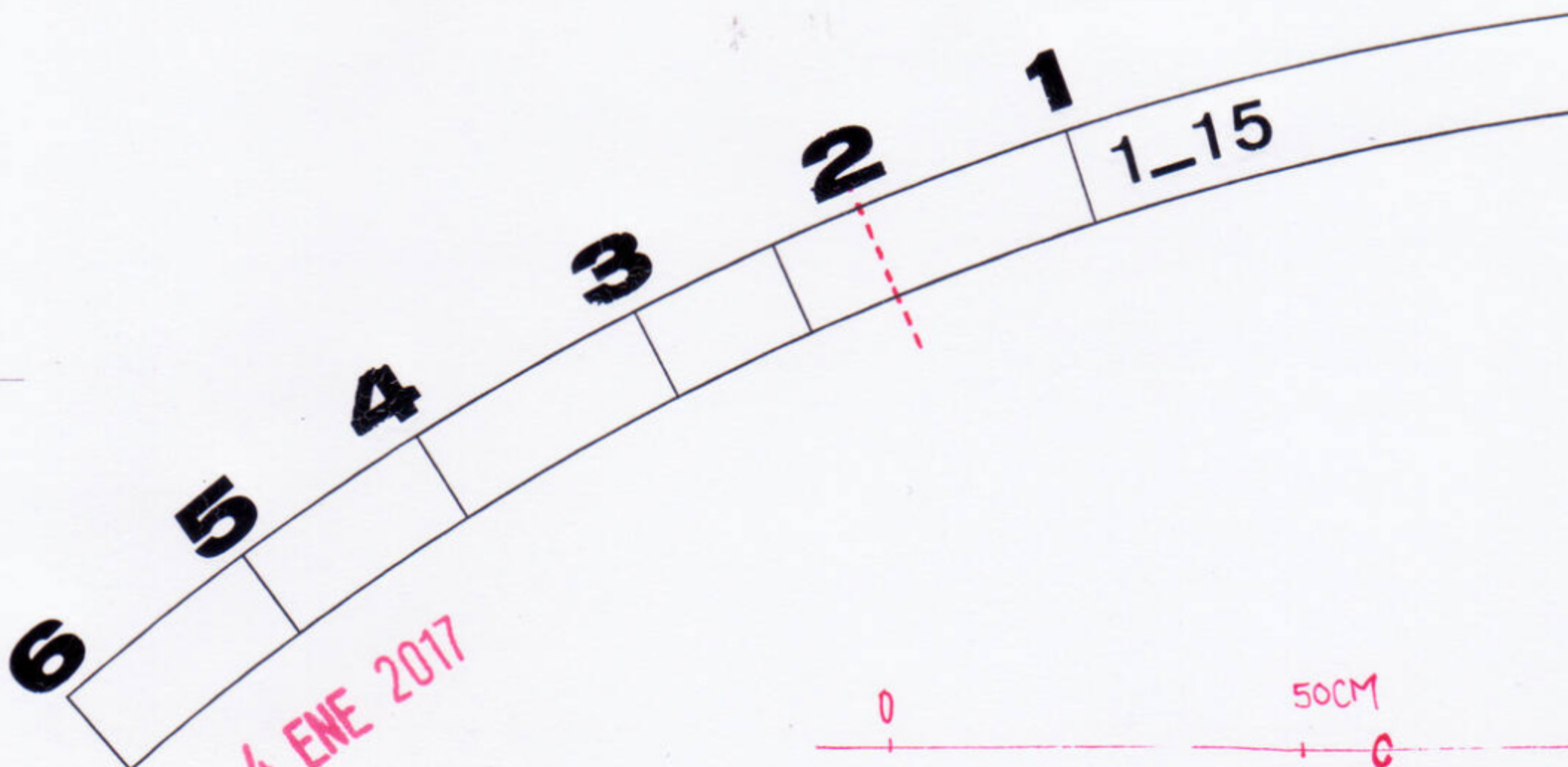
C 22.36

A 39.7863



14 ENE 2017





14 ENE 2017



TRACK GAUGE

MAIN 1.435 mm

HIGH-SPEED 1.435 mm

CARACTERÍSTICAS GENERALES DEL MATERIAL DE FERROCARRILES

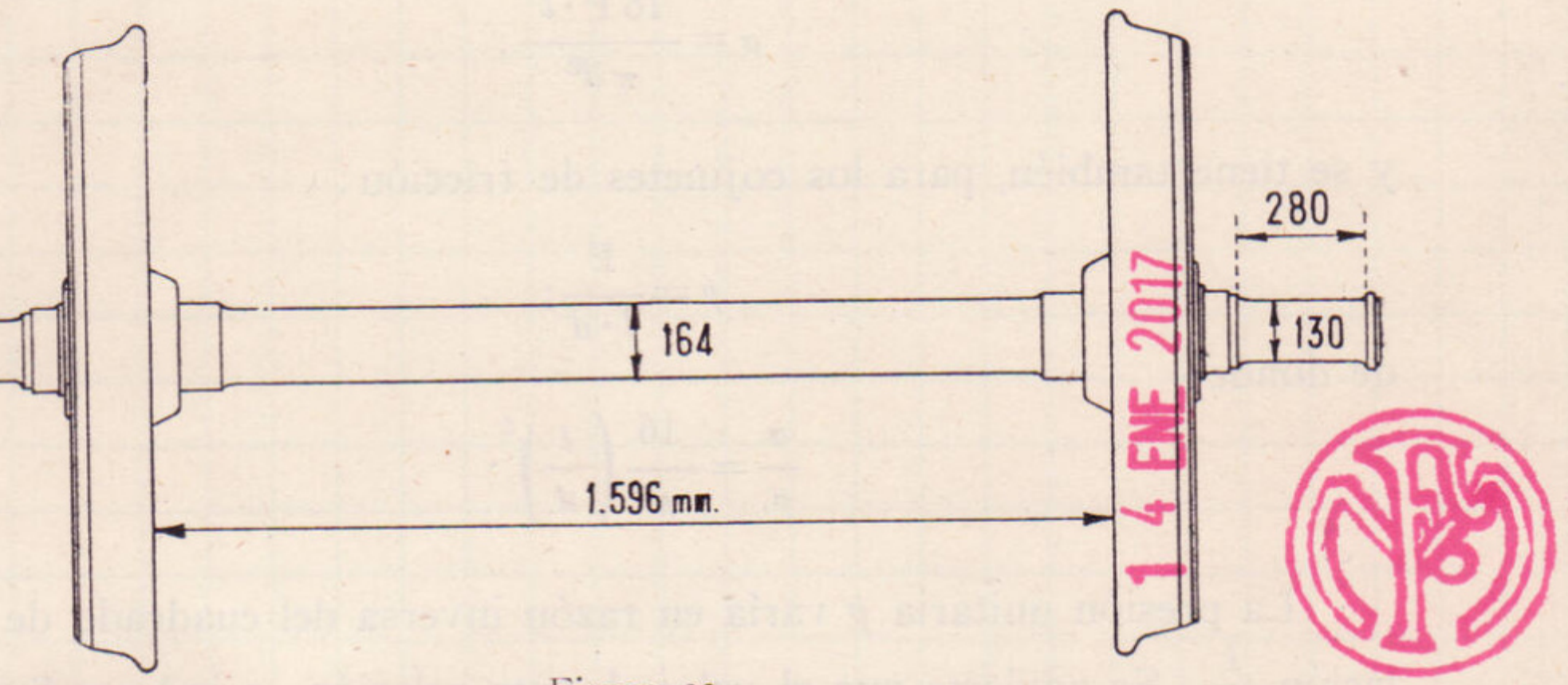
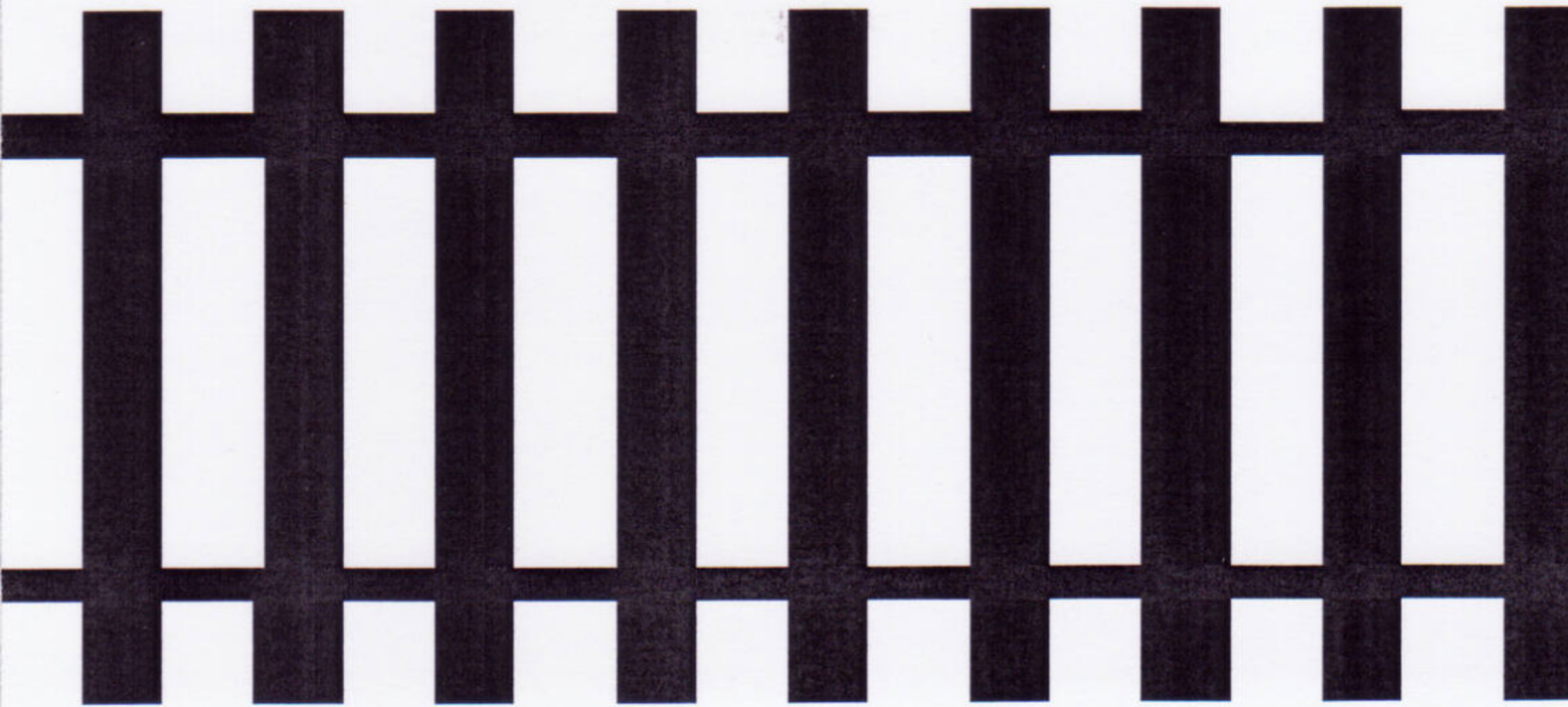
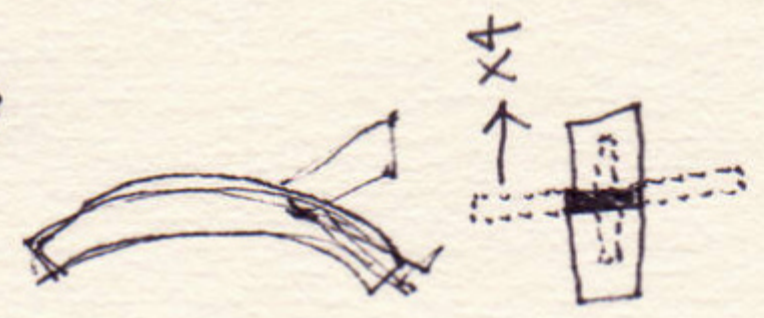
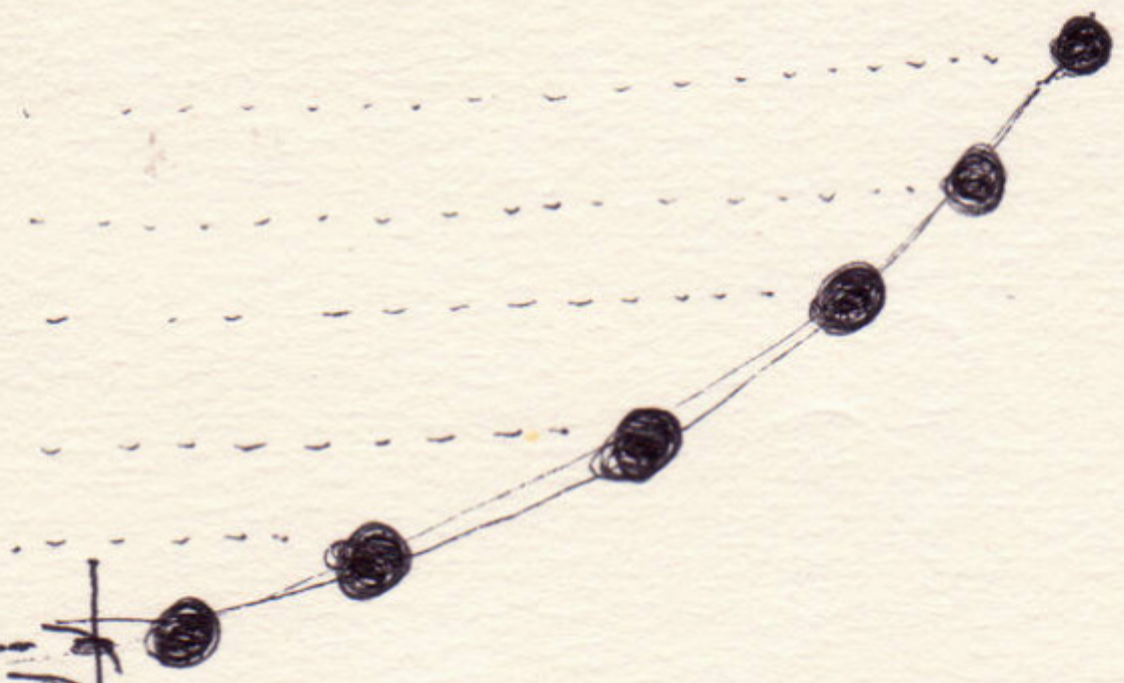
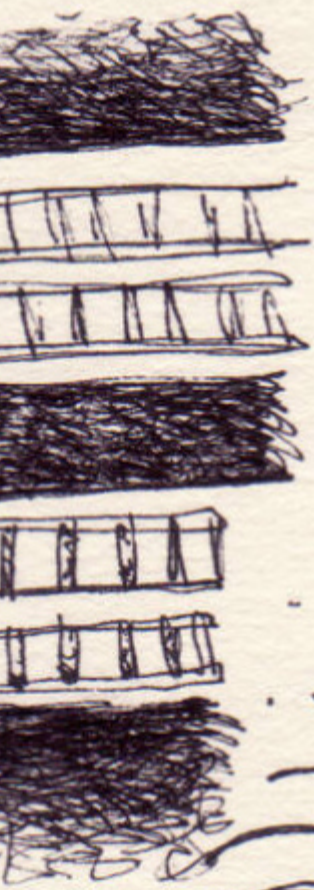
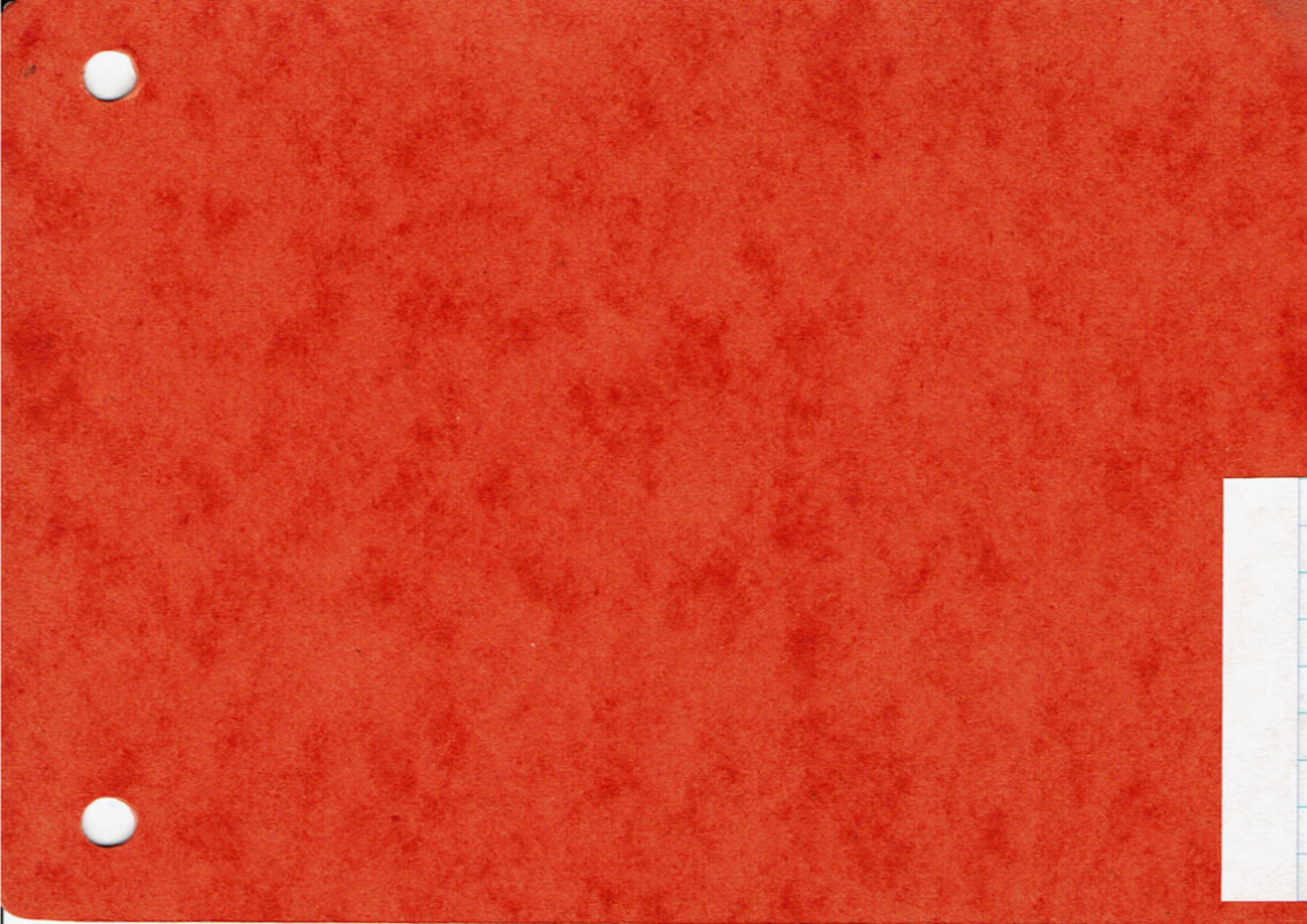


Figura 23.







**Seller**  
STRADE FAREAST LIMITED  
dyrightsiricw00a@hotmail.com

**Note to seller**  
mail it as GIFT/OFERTA

**Shipping address**  
NIF 506322076 MANDRAGORA / Catarina Soares  
R. S. Roque da Lameira, 1358  
Porto  
4350-304  
Portugal

**Shipping details**  
The seller hasn't provided any shipping details yet.

Description	Unit price	Qty	Amount
<a href="#">100Pcs Coins Containers plastique transparent 45mm Capsules Boites</a> Item# 282215702706	€10.93 EUR	2	€21.86 EUR



Shipping and handling €1.08 EUR  
Insurance - not offered ----  
**Total** €22.94 EUR

**Payment** €22.94 EUR

This charge will appear on your credit card statement as "PAYPAL  
\*STRADEFAREA"  
Payment sent to dyrightsiricw@hotmail.com

**Issues with this transaction?**

You have 180 days from the date of the transaction to open a dispute in the Resolution Center.

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Problemas? Vá para o Centro de Ajuda. Para obter mais informações, visite o site de ajuda do PayPal em português: [www.paypal.com/pt/help](http://www.paypal.com/pt/help).  
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Para obter mais informações, visite o site de ajuda do PayPal em português.

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R. S. Roque da Lameira, 1358  
Porto  
4350-304  
Portugal

**Shipping details**  
The seller hasn't provided any shipping

Description	Unit price	Qty
<u>100Pcs Coins Containers plastique transparent</u> 45mm Capsules Boites Item# 282215702706	€10.93 EUR	2

ebay

Shipping and handling  
Insurance - not offered  
**Total**

**Payment**

This charge will appear on your credit card statement as "PAYPAL  
\*STRADEFAREA"  
Payment sent to dyrightsiricw@hotmail.com

**Issues with this transaction?**

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? Questions? Go to the Help Center at: [www.paypal.com/pl/help](http://www.paypal.com/pl/help).

**Seller**  
章竹梅  
zhumei0930@hotmail.com

**Note to seller**  
You haven't included a note.

**Shipping address**  
NIF 506322076 MANDRAGORA / Catarina Soares  
R. S. Roque da Lameira, 1358  
Porto  
4350-304  
Portugal

**Shipping details**  
The seller hasn't provided any shipping details yet.

Description	Unit price	Qty	Amount
<a href="#">120 Stripes 3mm Width Quilling Origami Paper Pure Colour DIY Tool Handmade Gift [White]</a> Item# 121852226284	\$1.04 AUD	3	\$3.12 AUD



Shipping and handling \$0.00 AUD  
Insurance - not offered ----  
**Total** \$3.12 AUD

**Payment** \$3.12 AUD

This charge will appear on your credit card statement as "PAYPAL  
\*QLYCHEE.COM"  
Payment sent to zhumei0930@hotmail.com

From amount €2.28 EUR  
To amount \$3.12 AUD

Exchange rate: 1 Euro = 1.37233 Australian Dollars

**Currency conversion:** To complete this transaction, we converted the payment amount to the currency of your card based on our agreement with you. PayPal's currency conversion fee is added to the exchange rate, set by an external financial institution. For more information about fees, see our [user agreement](#).

**Seller**  
ma jinna  
13039311816@163.com

**Note to seller**  
You haven't included a note.

**Shipping address**  
NIF 506322076 MANDRAGORA / Catarina Soares  
R. S. Roque da Lameira, 1358  
Porto  
4350-304  
Portugal

**Shipping details**  
The seller hasn't provided any shipping

Description	Unit price	Qty
<u>1PC Floral Scissors Stainless Steel European Vintage Sewing Shears DIY Tools New [Gold]</u> Item# 112220902004	\$2.89 USD	1

ebay

Shipping and handling  
Insurance - not offered  
**Total**

**Payment**

This charge will appear on your credit card statement as "PAYPAL \*MA  
JINNA"

Payment sent to 18686680275@163.com

From amount  
To amount

Exchange rate: 1 Euro = 1.00

**Currency conversion:** To complete this transaction, we converted the payment amount to the card based on our agreement with you. PayPal's currency conversion fee is added to the exchange rate by an external financial institution. For more information about fees, see our [user agreement](#).

We've asked the seller to ship to the address below.

Shipping address:

R. S. Roque da Lameira, 1358  
4350-304 PORTO  
PORTUGAL

Description	Unit Price	Quantity	Amount
200 Quilling paper strip s 3mm wide - pearlesce nt gold	3,00 GBP	2	6,00 GBP

Shipping and handling 0,00 GBP

**Tax amount**

**Total** 6,00 GBP

**Payment** 6,00 GBP

From amount 7,48 EUR

To amount 6,00 GBP

Exchange rate: 0,80 GBP

Payment sent to: trade4you1@gmail.com

This transaction will appear on your statement as PAYPAL \*  
TRADE4YOUUK.

#### International Shipping and Import Charge

Transaction ID: 0S660349PH761592H

A separate payment was sent to this global shipping company to ship your package and to clear customs.

Description	Unit Price	Quantity	Amount
200 Quilling paper strips 3mm wide - pearlescent gold	3,00 GBP	2	6,00 GBP

Shipping and handling	0,00 GBP
<b>Tax amount</b>	
<b>Total</b>	6,00 GBP
<b>Payment</b>	6,00 GBP
From amount	7,48 EUR
To amount	6,00 GBP
Exchange rate:	0,80 GBP

Payment sent to: trade4you1@gmail.com  
 This transaction will appear on your statement  
 TRADE4YOUUK.

### International Shipping and Import Charge

Transaction ID: 0S660349PH761592H

A separate payment was sent to this global shipping company to ship your package and to clear

International shipping and Import charge	9,00 GBP
<b>Total</b>	9,00 GBP
<b>Payment</b>	9,00 GBP
From amount	11,22 EUR
To amount	9,00 GBP

**Seller**  
STRADE FAREAST LIMITED  
dyrightsiricw00a@hotmail.com

**Note to seller**  
don't join orders. i've ordered them apart and paid for it

**Shipping address**  
NIF 506322076 MANDRAGORA / Catarina Soares  
R. S. Roque da Lameira, 1358  
Porto  
4350-304  
Portugal

**Shipping details**  
The seller hasn't provided any shipping details yet.

Description	Unit price	Qty	Amount
<a href="#">100Pcs Coins Containers plastique transparent 45mm Capsules Boites</a> Item# 282215702706	€10.93 EUR	4	€43.72 EUR



Shipping and handling	€1.08 EUR
Insurance - not offered	----
<b>Total</b>	<b>€44.80 EUR</b>

**Payment** €44.80 EUR

This charge will appear on your credit card statement as "PAYPAL  
\*STRADEFAREA"  
Payment sent to dyrightsiricw@hotmail.com

**Issues with this transaction?**

You have 180 days from the date of the transaction to open a dispute in the Resolution Center.

? Questions? Go to the Help Center at: [www.paypal.com/pt/help](http://www.paypal.com/pt/help).

**Seller**  
STRADE FAREAST LIMITED  
dyrightsiricw00a@hotmail.com

**Note to seller**  
You haven't included a note.

**Shipping address**  
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R. S. Roque da Lameira, 1358  
Porto  
4350-304  
Portugal

**Shipping details**  
The seller hasn't provided any shipping

Description	Unit price	Qty
<u>100Pcs Coins Coins Containers plastique transparent</u> 45mm Capsules Boites Item# 282215702706	€10.93 EUR	2

ebay

Shipping and handling  
Insurance - not offered  
**Total**

**Payment**

This charge will appear on your credit card statement as "PAYPAL  
\*STRADEFAREA"  
Payment sent to dyrightsiricw@hotmail.com

**Issues with this transaction?**

You have 180 days from the date of the transaction to open a dispute in the Resolution Center.

? Questions? Go to the Help Center at: [www.paypal.com/pt/help](http://www.paypal.com/pt/help).

$$355 * .50 = 177.5$$

$$150 / 3 \text{ LAYERS} = 50M$$

**27.5M** LEFTOVER

$$27.5M / 6 = 4.58(3)M$$

16.74 PER LAYER

$$4 \text{ LAYERS} = 66.96$$

$$110.54 \text{ LEFT} / 6 = 18.42(3) \text{ PER POLE}$$

$$16.74 = 2\pi r$$

$$r = \frac{16.74}{2\pi}$$

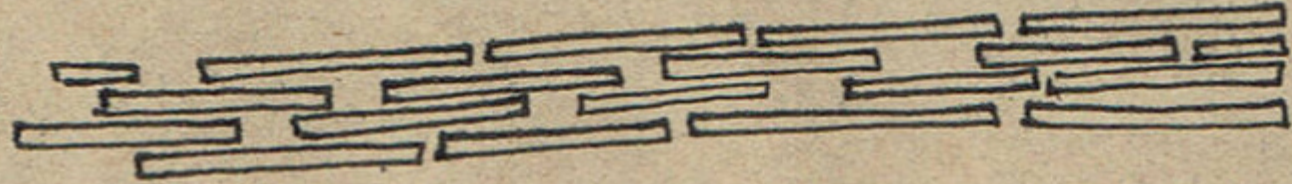
$$r = 2.664$$

$$d = 5.328$$

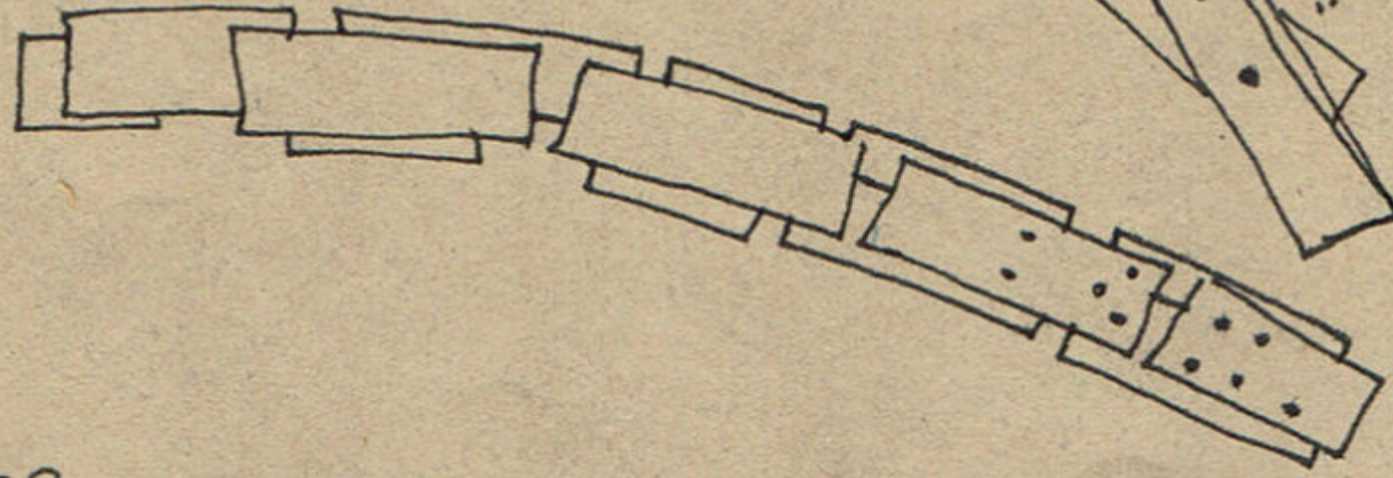
↑ WOOD  
↓ STRING

$$250M / 5 = 50M$$

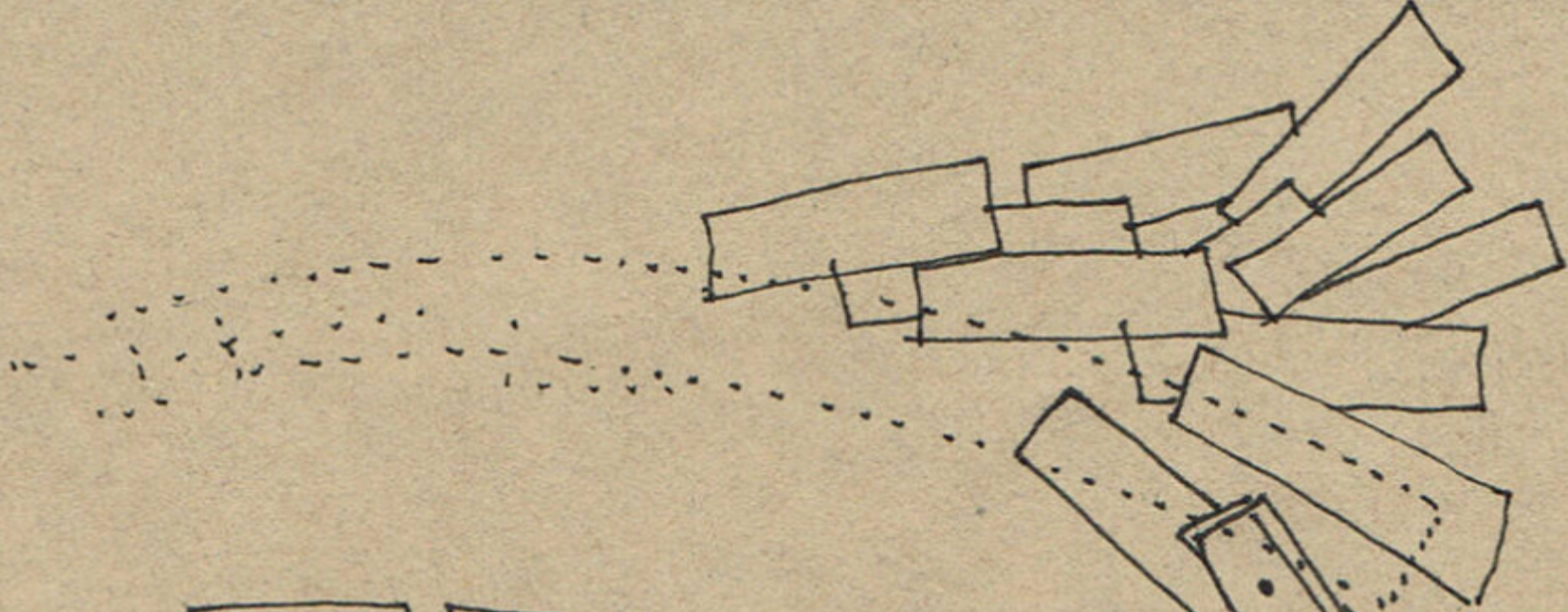
4 LAYERS



MIDDLE SPACES



UNALIGNED

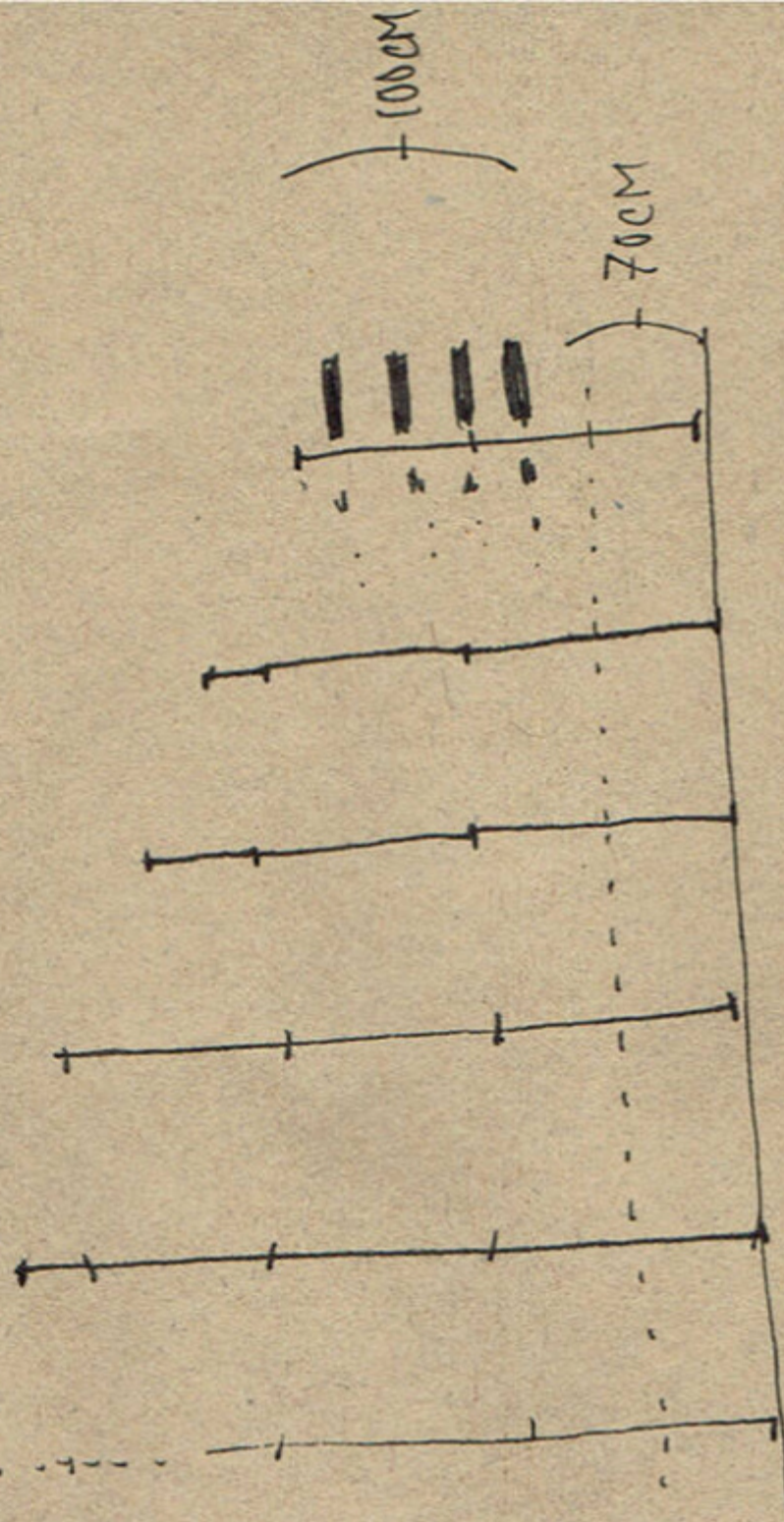


276	6.0	8	104
254	8.2	10	130
302	10.6	12	156
340	12.5	14	182
382	14.6	54	702

→ 109.5M

250M

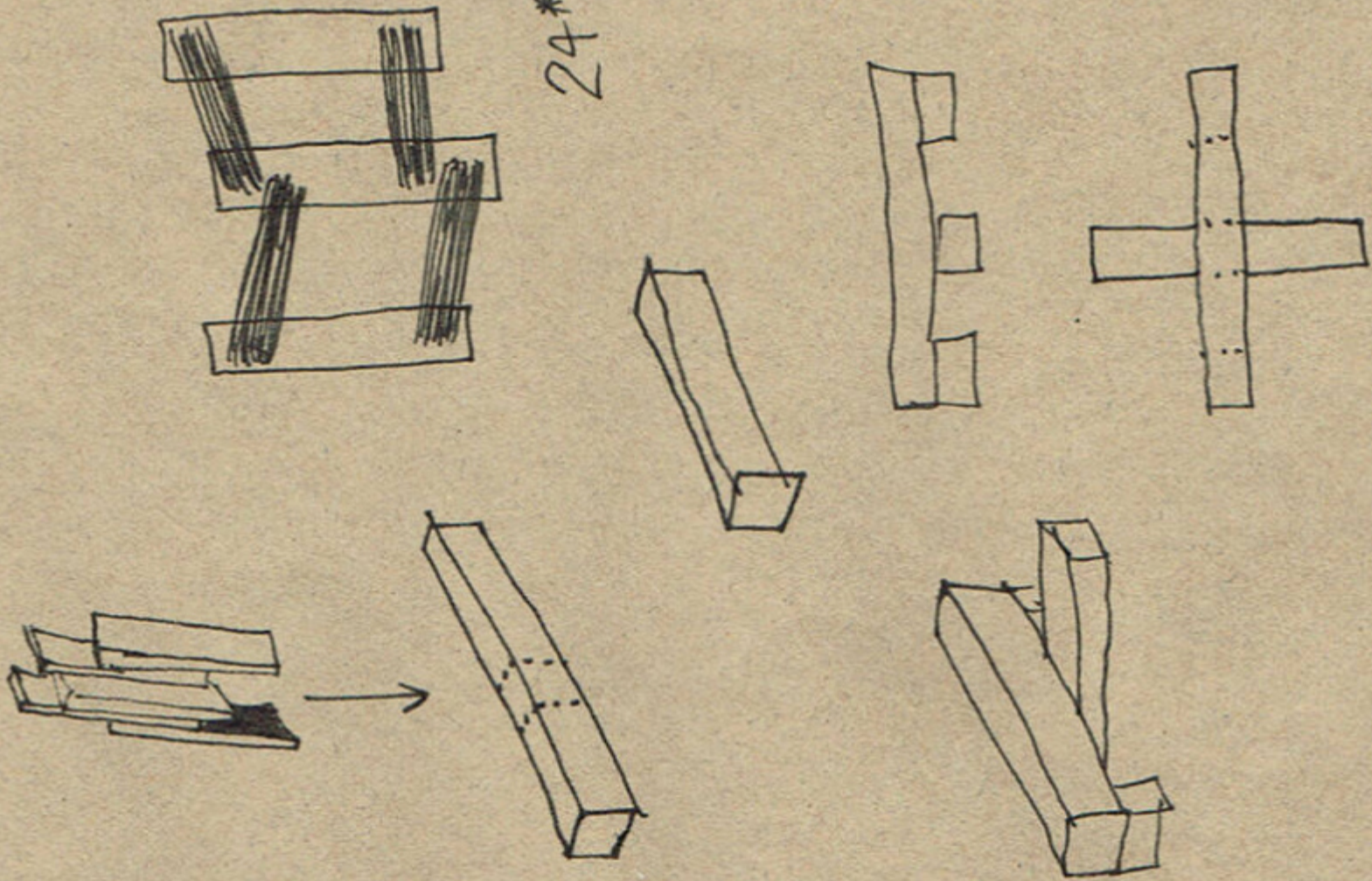
$1.5M * 5 = 7.5M$



130 PER 1.5M

3 PLANKS  
3 LARGER  
ONES

24\*18



40

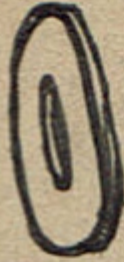
30MM

ØM 3

ØM 4



+

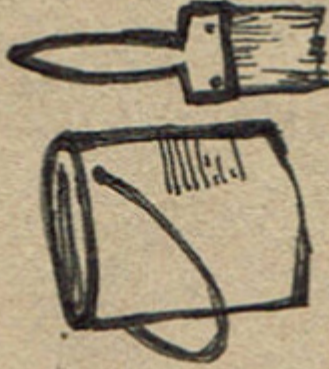


+



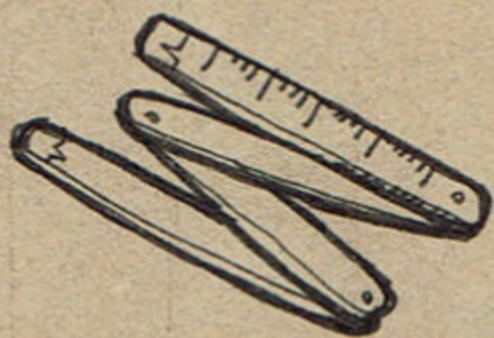
← NYLON  
INSIDE

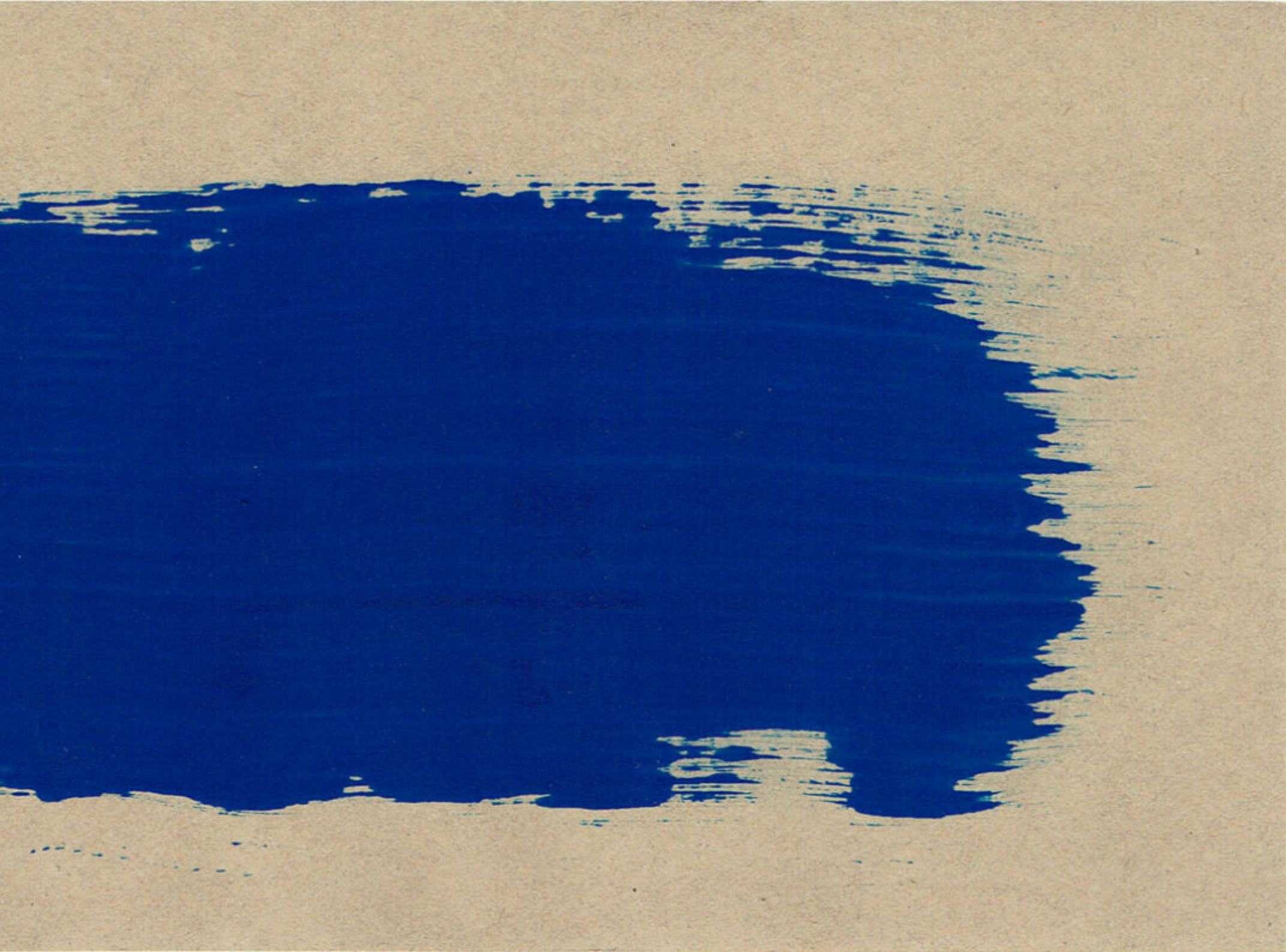
2LTS PAINT BLUE



30MM

20





28 ENE 2017 ELEFSINA

DEPARTURE FROM THE HOTEL	08:30	
GUIDED TOURS CONNECTING TANDEM PROJECTS	10:30	13:
ALLTOURS (TANDEMIANS AND PARTICIPANTS) LUNCH BREAK ELAIOURGIKI	13:30	15:
WORKSHOPS AND PRESENTATIONS	15:00	18:
DEPARTURE FOR ATHENS AND DINNER	18:15	

DECLARAÇÃO

Angelo Correia de Carvalho, nº 60, desta vila de Espinho, declara ter Francisco de Oliveira, residente na rua 16 de Espinho, uma bicicleta registada na Câmara Municipal de Espinho, sob. o nº 4444, de marca Famel Victor, nº 150.009 de 47 cm/3 cilindrada.

Angelo Correia de Carvalho, 2 de Abril de 1959

Reconheço

Angelo Correia de Carvalho

assinatura

# SHOWN AT

**2018**

"artist's books, visual poetry, assemic writing and respective derivatives" // Biblioteca Municipal  
José Marmelo Silva / Espinho, Portugal

**2017**

"Elefsina 2021 - Collaborative Environmental Regeneration - 2017" // Elefsina, Greece



