Clocks, Timepieces, Watches

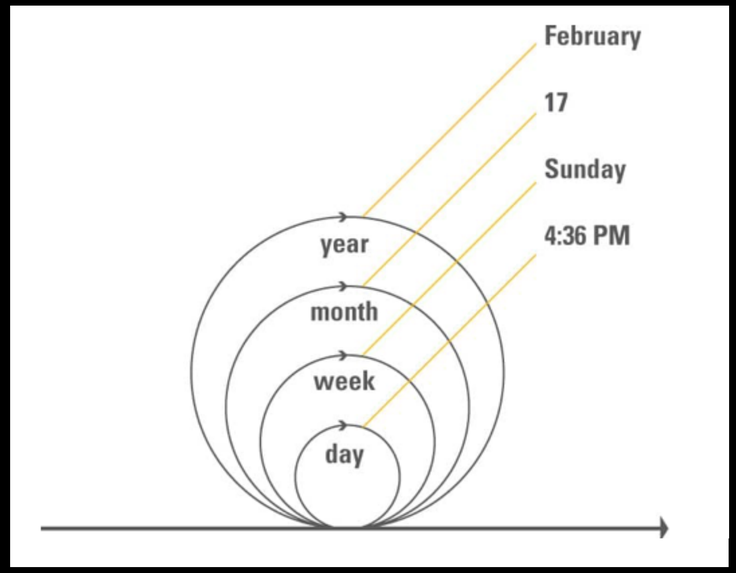
Representations of Time

(paraphrasing Isabel Meirelles)

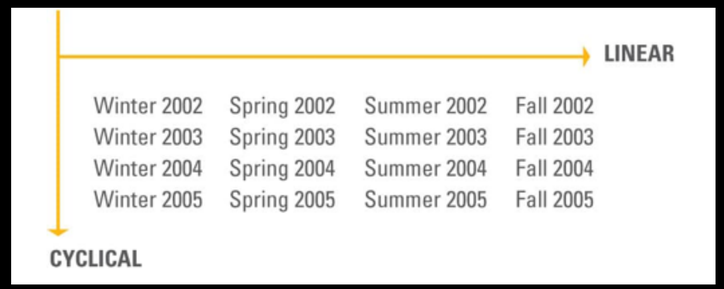
Time is an abstract concept, and thus, not particularly visual.

We imagine time as a stationary line we travel along, or as a moving object coming towards us.

Because time is most often measured against the moving sun, moon and stars, the structure of many visualizations is cyclical, and sometimes both cyclical and linear.



In tables time can be read in both ways.



Time is most often seen in the direction you read.

Wikipedia Says...

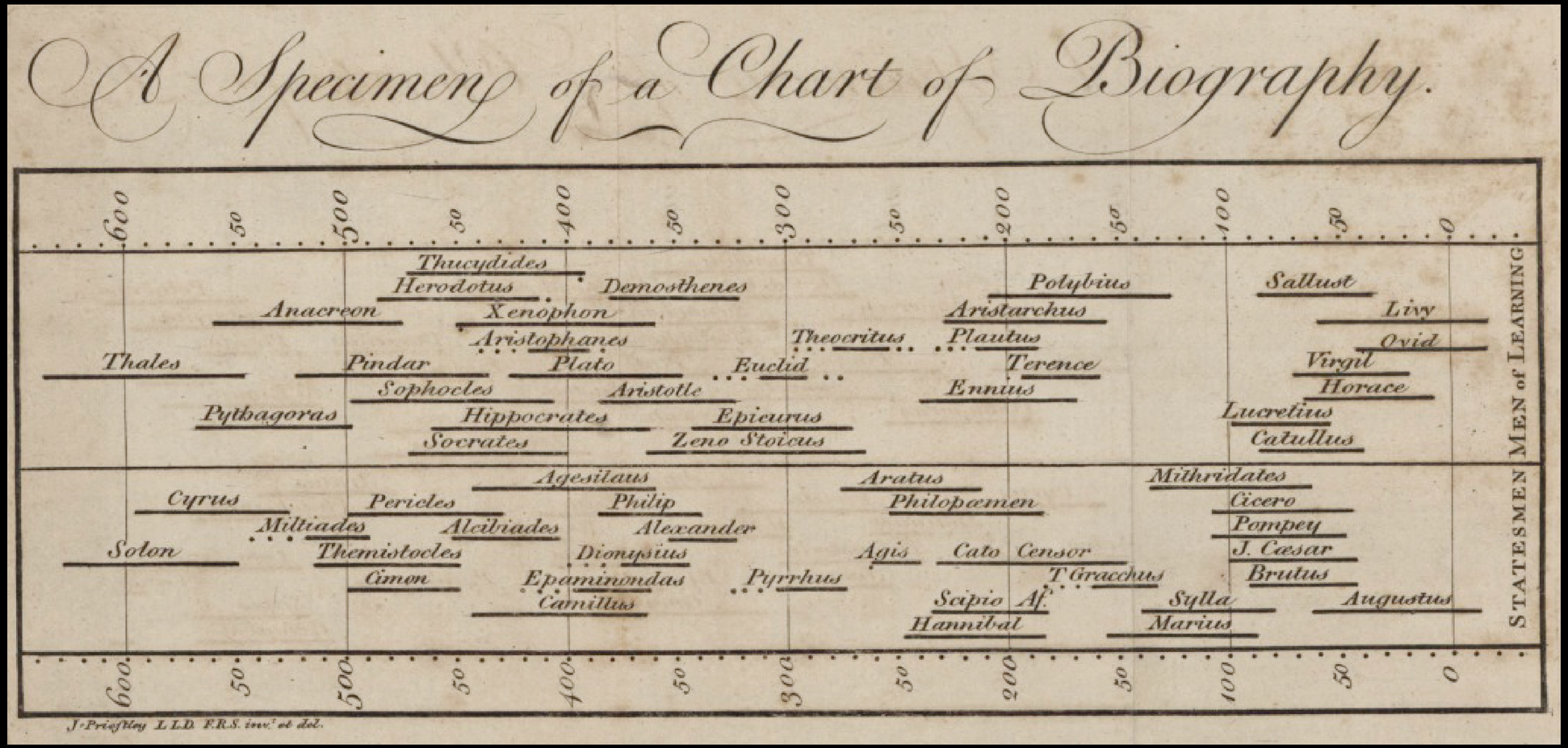
12 hour day comes from Egyptians who used base 12. Counting, with the thumb, the knuckles on the other 4 fingers results in 12.

The 7 day week is derrived from the creation narrative told by The Book of Genesis, and spread through the adoption of Christianity by Roman Emperor Constantine.

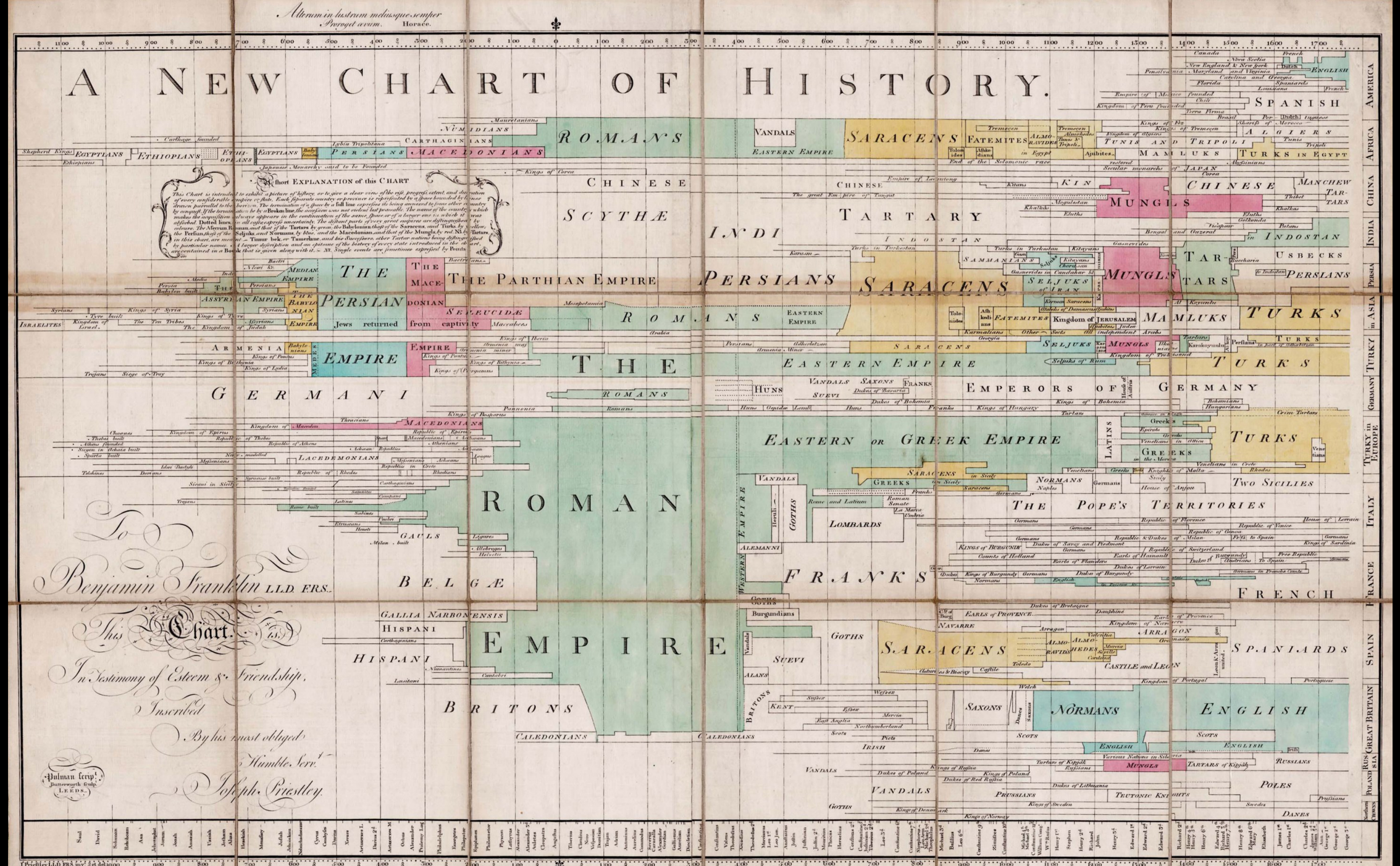
12 months per year is based on a 12 lunar cycles per year.

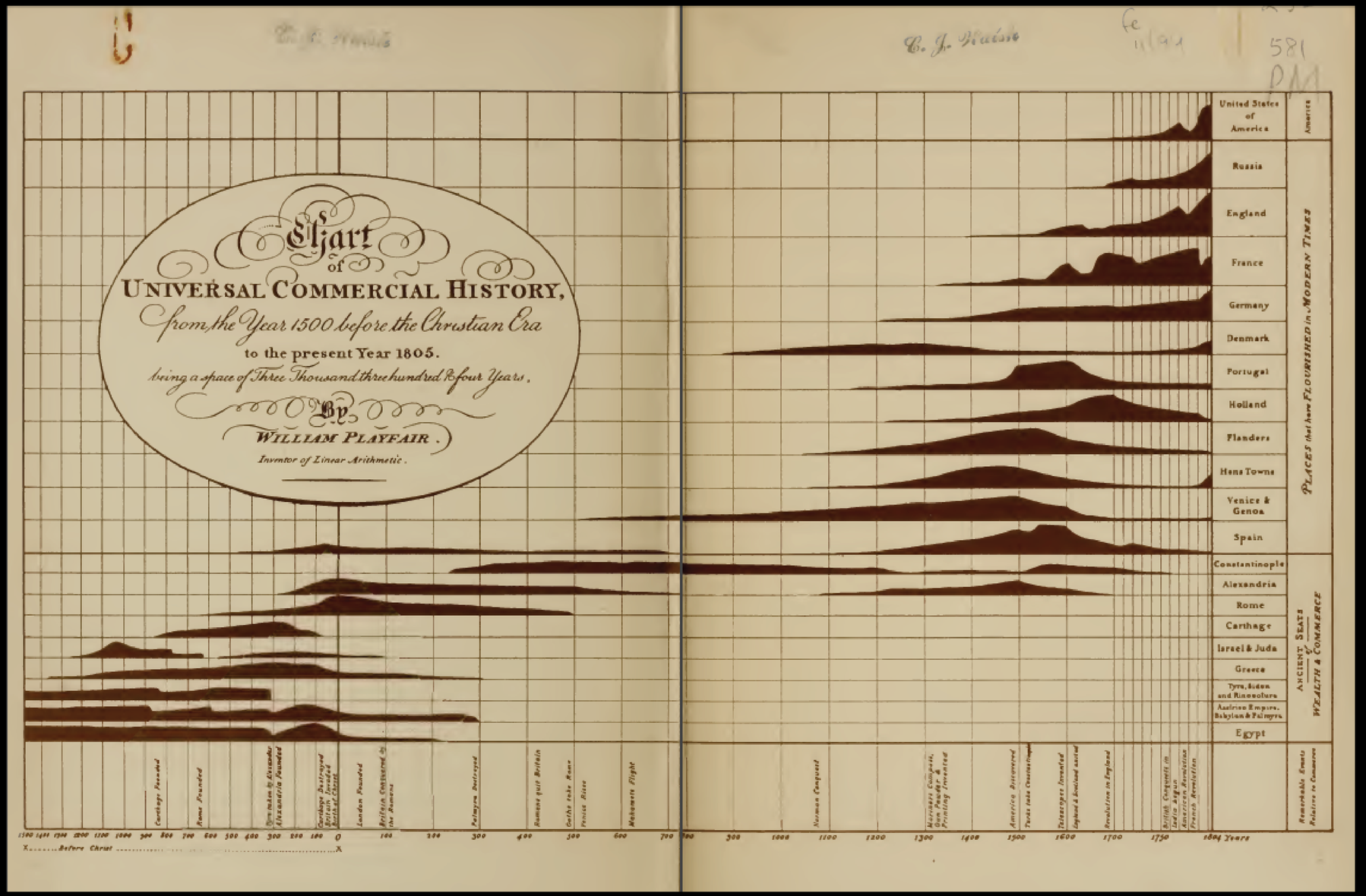
Minutes and Seconds:
The Greek astronomer Eratosthenes (who lived circa 276 to 194 B.C.) used a sexagesimal system to divide a circle into 60 parts in order to devise an early geographic system of latitude, with the horizontal lines running through well-known places on the earth at the time...

It was not practical for the general public to consider minutes until the first mechanical clocks that displayed minutes appeared near the end of the 16th century.



Joseph Priestly, 1765-ish

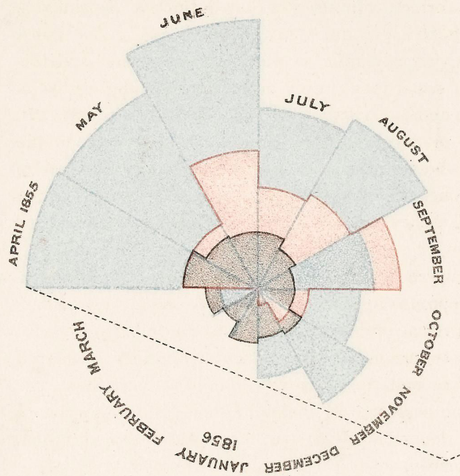

Alterum in lustrum meliusque semper
Proroget aevum. Horace.
A NEW CHART OF HISTORY.
Short EXPLANATION of this CHART
This Chart is intended to exhibit a picture of history, or to give a clear view of the rise, progress, extent, and duration of every considerable empire or state. Each separate country or province is represented by a space bounded by lines drawn parallel to the horizon. The termination of a space by a full line expresses its being annexed to some other country by conquest. If the termination be by a Broken line, the accession was not violent but peaceable. The name of the country which makes the acquisition always appears in the continuation of the same space, or of a larger one in which it was absorbed. Dotted lines, in all cases, express uncertainty. The distant parts of very great empires are distinguished by a yellow colour. The Assyrian Roman, and that of the Tartars by green; the Babylonian, that of the Saracens, and Turks by yellow; the Persian, that of the Seljuks, and Normans, by blue, and the Macedonian, and that of the Mungls by red. Nb. by Tartars in this chart, are meant — Timur bek, or Tamerlane, and his Successors, other Tartar nations being distinguished by particular names. A larger description and an epitome of the history of every state introduced in the chart, are contained in a Book that is given along with it. — Nt. Single events are sometimes expressed by Points.
ROMANS
SARACENS
FATEMITES
ALMORAVIDES
TUNIS AND TRIPOLI
MAMLUKS
TURKS IN EGYPT
SPANISH
ALGIERS
CHINESE
SCYTHÆ
INDI
TARTARY
MUNGLS
TARTARS
USBECKS
PERSIANS
THE PERSIAN EMPIRE
THE MACEDONIAN EMPIRE
THE PARTHIAN EMPIRE
SELEUCIDÆ
Jews returned from captivity
ROMANS
EASTERN EMPIRE
SARACENS
SELJUKS
MUNGLS
MAMLUKS
TURKS
ARMENIA
EMPIRE
THE
EASTERN EMPIRE
SARACENS
SELJUKS
MUNGLS
TURKS
GERMANI
ROMANS
HUNS
VANDALS
SAXONS
FRANKS
SUEVI
EMPERORS OF GERMANY
MACEDONIANS
LACEDEMONIANS
EASTERN OR GREEK EMPIRE
LATINS
GREEKS
TURKS
ROMAN
VANDALS
GOTHS
LOMBARDS
SARACENS
NORMANS
TWO SICILIES
THE POPE'S TERRITORIES
GAULS
BELGÆ
FRANKS
FRENCH
GALLIA NARBONENSIS
HISPANI
EMPIRE
GOTHS
SARACENS
SPANIARDS
SUEVI
ALANS
BRITONS
KENT
SAXONS
NORMANS
ENGLISH
CALEDONIANS
CALEDONIANS
ENGLISH
ENGLISH
VANDALS
VANDALS
PRUSSIANS
TEUTONIC KNIGHTS
POLES
DANES
To Benjamin Franklin LLD. FRS.
This Chart is
In Testimony of Esteem & Friendship,
Inscribed
By his most obliged
Humble Servt.
Joseph Priestley.
Pulman scrip. Butterworth sculp. LEEDS.
AMERICA
AFRICA
CHINA
INDIA
PERSIA
ASIA
TURKY in ASIA
GERMANY
TURKY in EUROPE
ITALY
FRANCE
SPAIN
GREAT BRITAIN
RUSSIA
POLAND
Northern Crowns
J. Priestley LLD. FRS. inv. et del.
Engraved and Published according to Act of Parliament April 11. 1769 by J. Johnson in Paternoster Row London.
J. Bowles No. 13. Cornhill. C. Bowles No. 69. St. Pauls Church Yard. R. Sayer No. 53 Fleet Street and T. Jefferys the corner of St. Martins Lane Charing Cross. Where may be had
Dr. PRIESTLEY'S BIOGRAPHICAL CHART Pr. 10s. 6d.



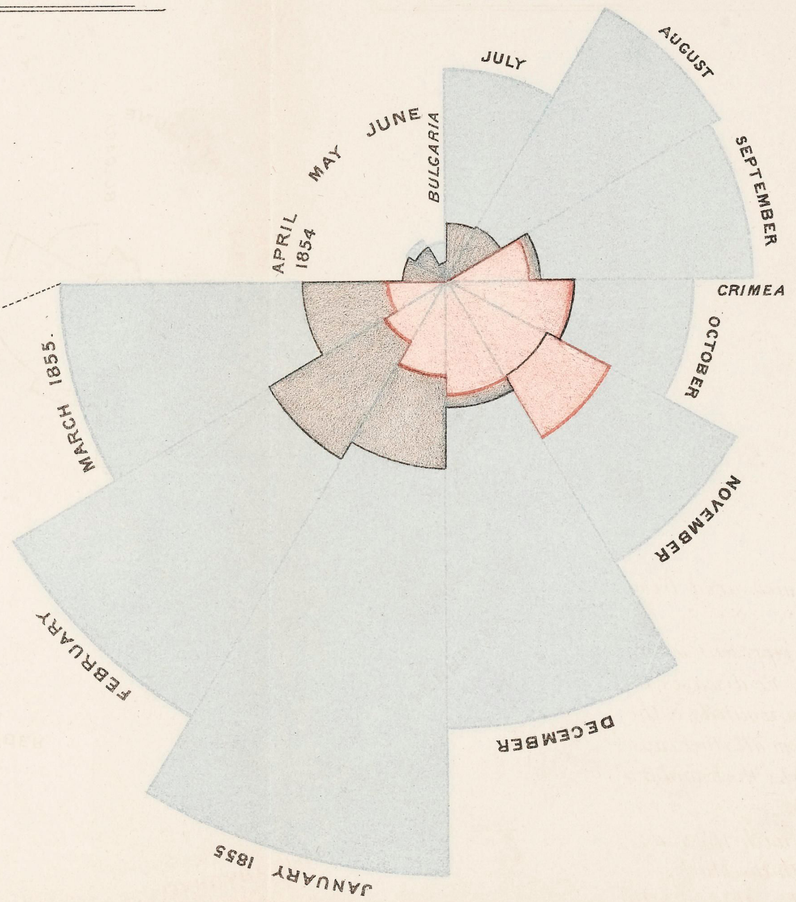
William Playfair, 1786

DIAGRAM OF THE CAUSES OF MORTALITY IN THE ARMY IN THE EAST.

2.
APRIL 1855 TO MARCH 1856.



1.
APRIL 1854 TO MARCH 1855.



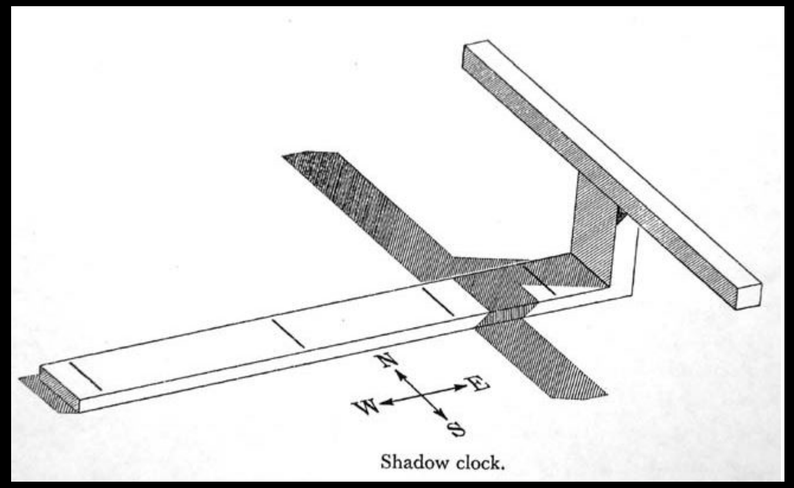
The Areas of the blue, red, & black wedges are each measured from the centre as the common vertex.
The blue wedges measured from the centre of the circle represent area for area the deaths from Preventible or Mitigable Zymotic diseases, the red wedges measured from the centre the deaths from wounds, & the black wedges measured from the centre the deaths from all other causes.
The black line across the red triangle in Nov.r 1854 marks the boundary of the deaths from all other causes during the month.
In October 1854, & April 1855, the black area coincides with the red; in January & February 1855, the blue coincides with the black.
The entire areas may be compared by following the blue, the red & the black lines enclosing them.

Harrison & Sons, St. Martin's Lane.

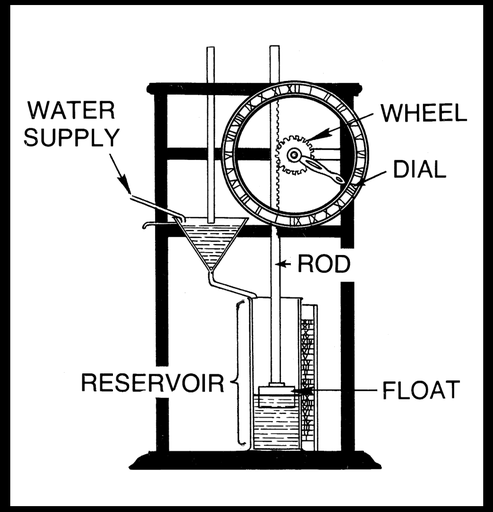
Wellcome Images

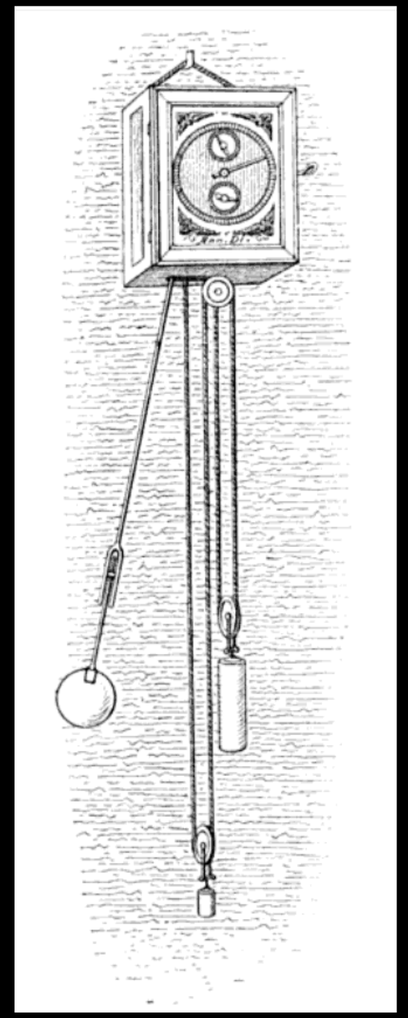
Florence Nightingale, 1801

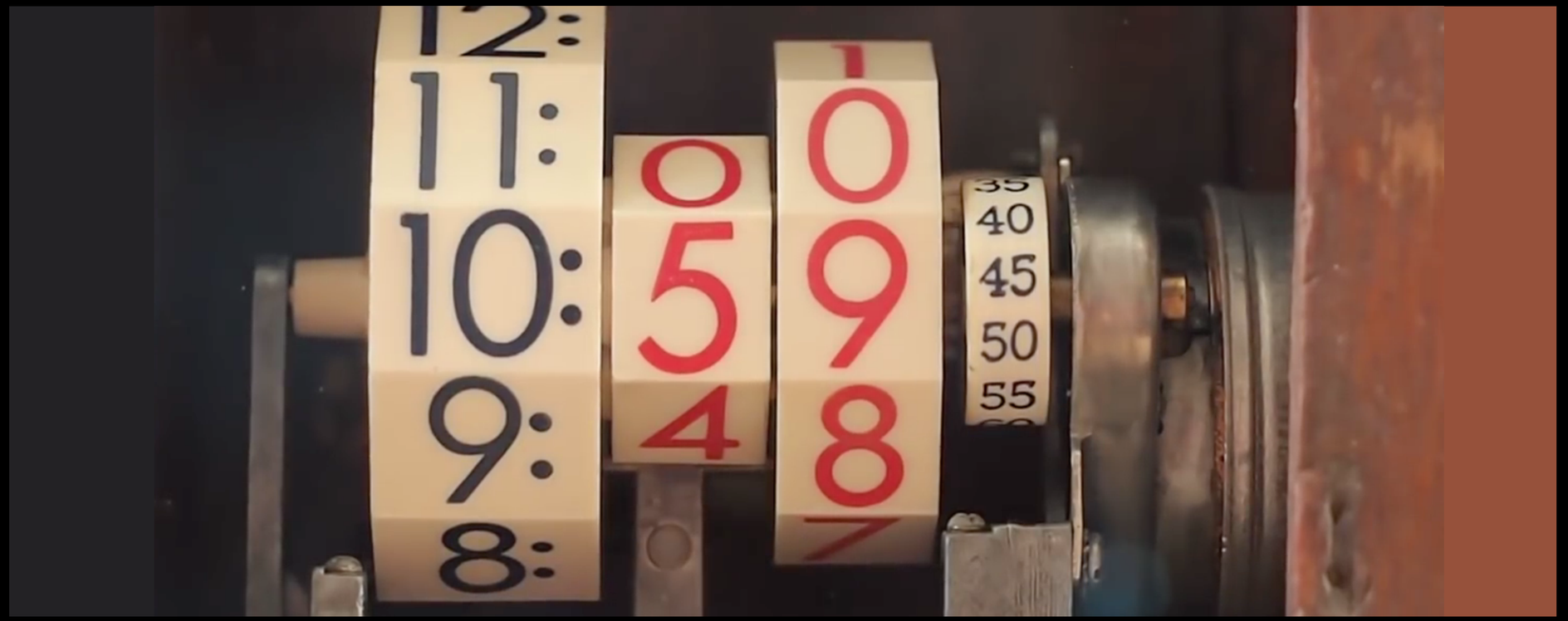
Clocks, Timepieces, Watches



Shadow clock.


WATER
SUPPLY
WHEEL
DIAL
ROD
RESERVOIR
FLOAT

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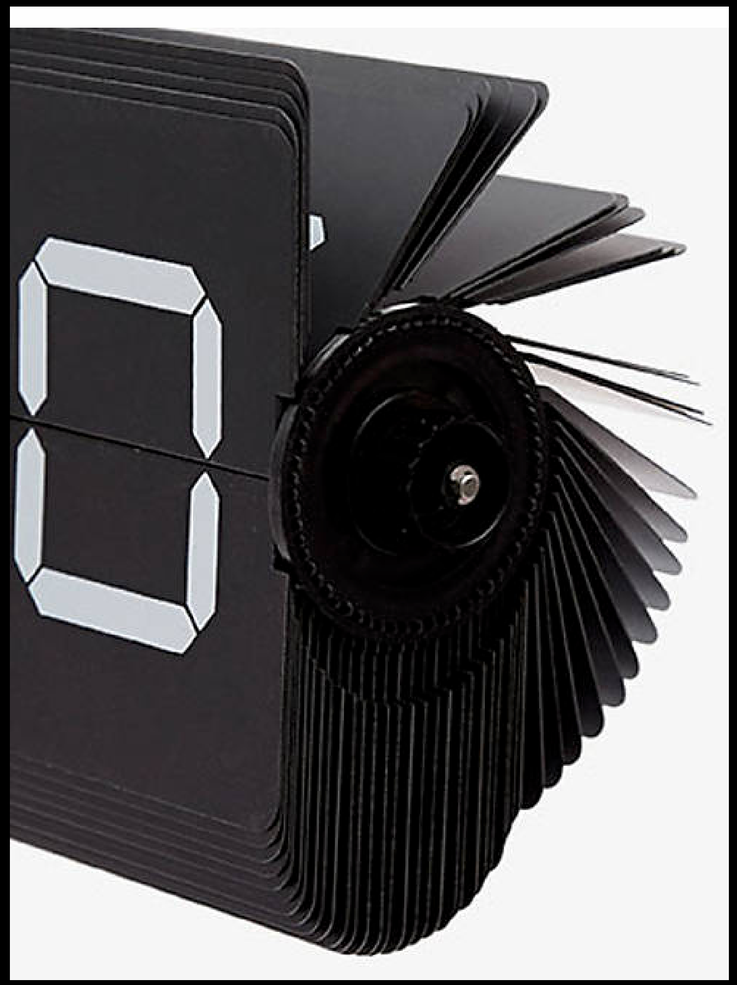

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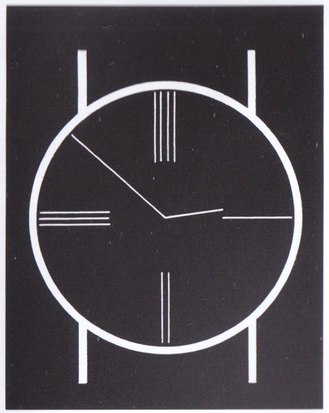
24 25 26 27 28 29 30 31 32 33 34 35
36 37 38 39 40 41 42 43 44 45 46 47
48 49 50 51 52 53 54 55 56 57 58 59
Minutes + Hours
gettyimages
Barbara Alper

CASIO
F-91W
ALARM CHRONOGRAPH
LIGHT
SU
17
24H
14:33
18
ALARM ON·OFF / 24HR
MODE
WATER
WR
RESIST

Systematische
Grafikerausbildung

A training system
for the graphic designer

Formation méthodique
des graphistes



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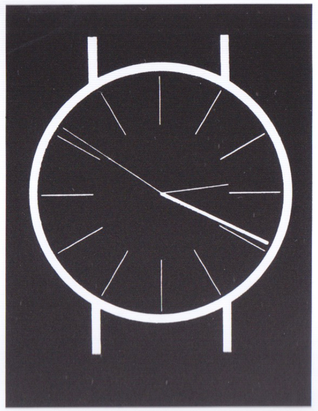

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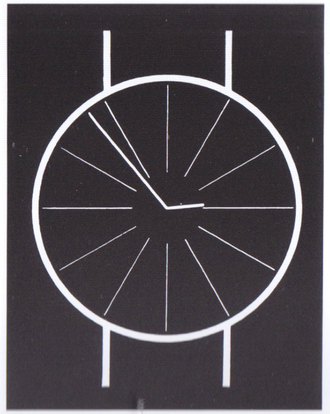

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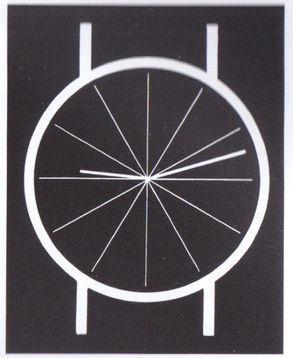

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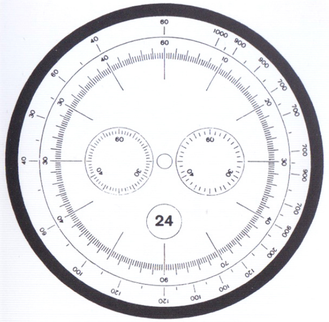

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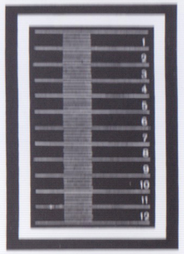

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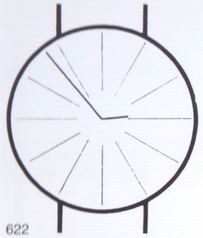

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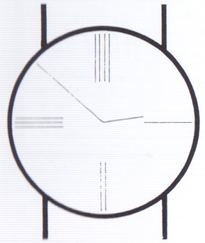

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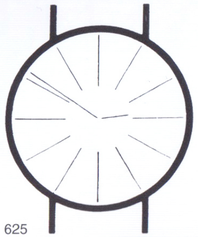

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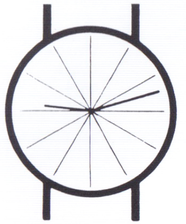

626

616, 618, 621–626
André Stehlé
Versuche für stilistische Vereinfachung von Uhren-Ziffernblättern. Attemps to simplify the style of clock faces. Présentations stylisées d'un cadran de montre.

617, 619, 620
Ruedi Rüegg
Auf das Funktionelle abgestimmte grafische Neubearbeitung von Uhren- und Chronometer-Zifferblättern. A new graphic version of clock faces and chronometer faces aiming at the purely functional. Graphisme fonctionnel appliqué aux cadrans de montre et de chronomètres.

Josef Muller-Brockmann

Max Bill

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MADE IN GERMANY
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JUNGHANS
AUTOMATIC
MADE IN GERMANY

JUNGHANS
design

Dieter Rams

die
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reportage
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aktuell

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Otl Aicher

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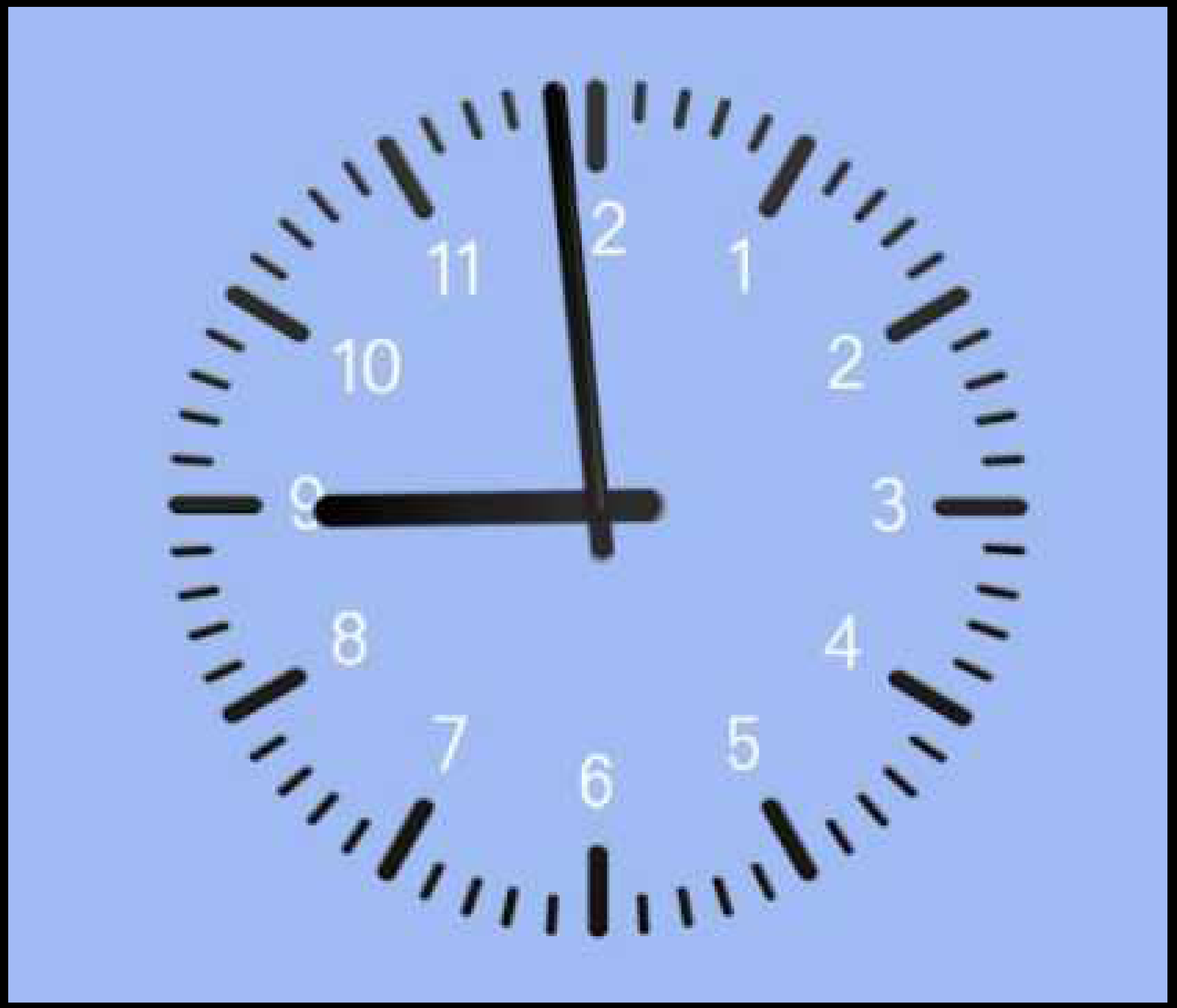
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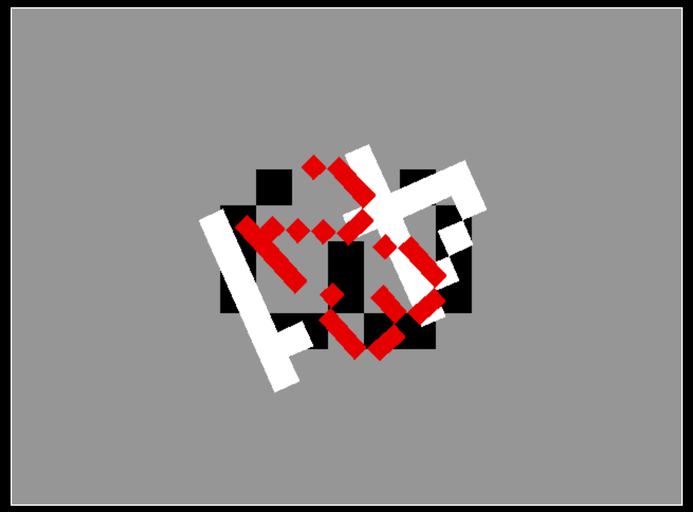
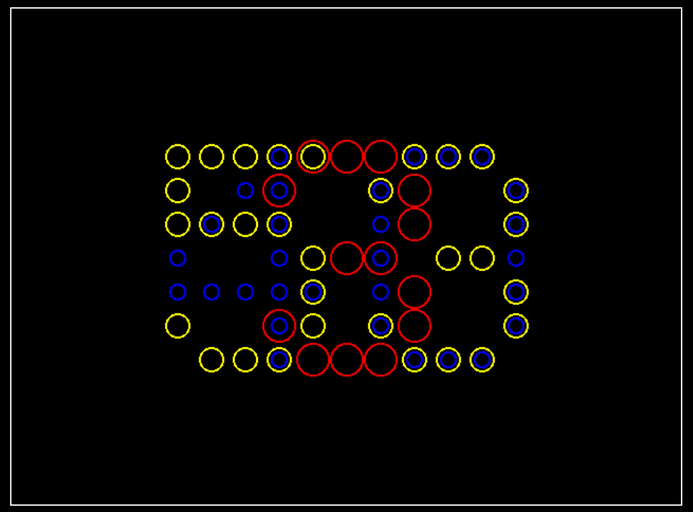
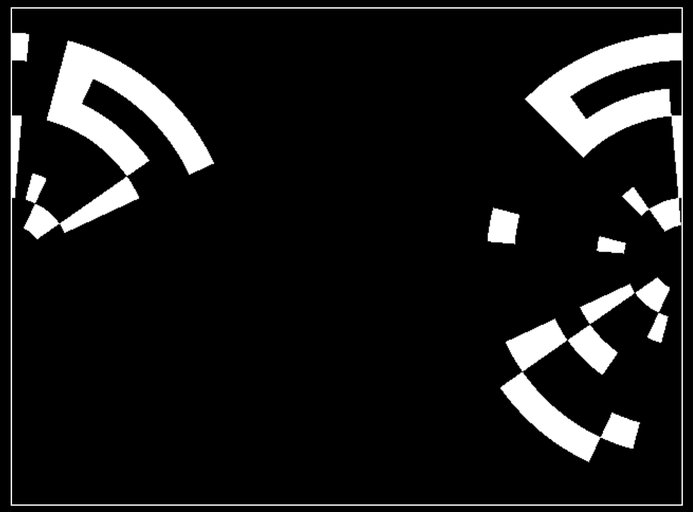
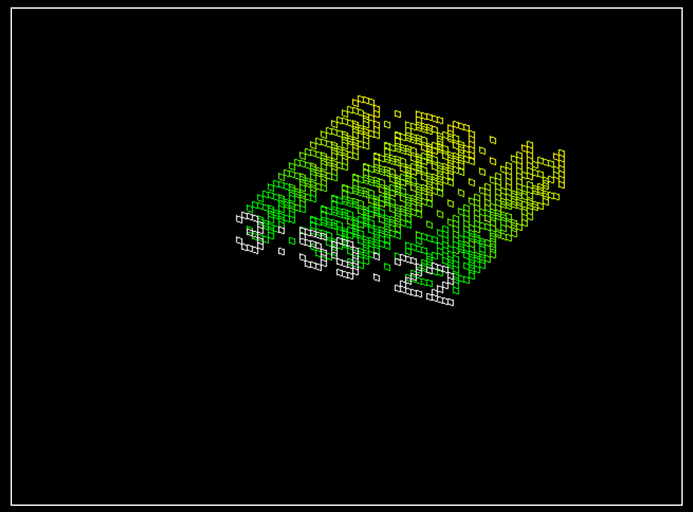
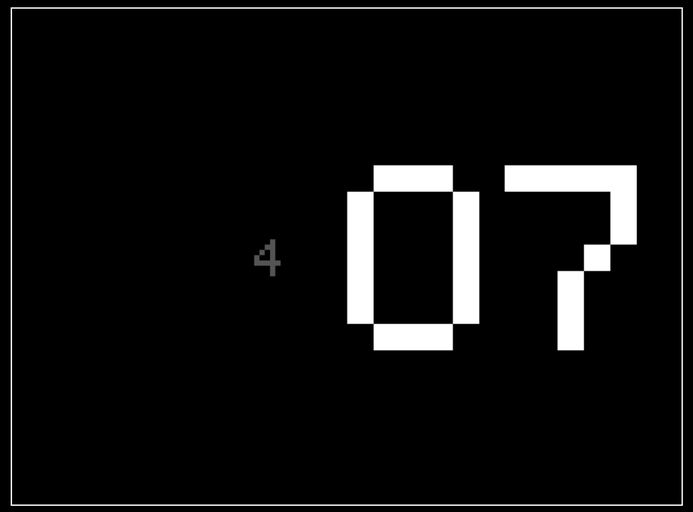
John Maeda











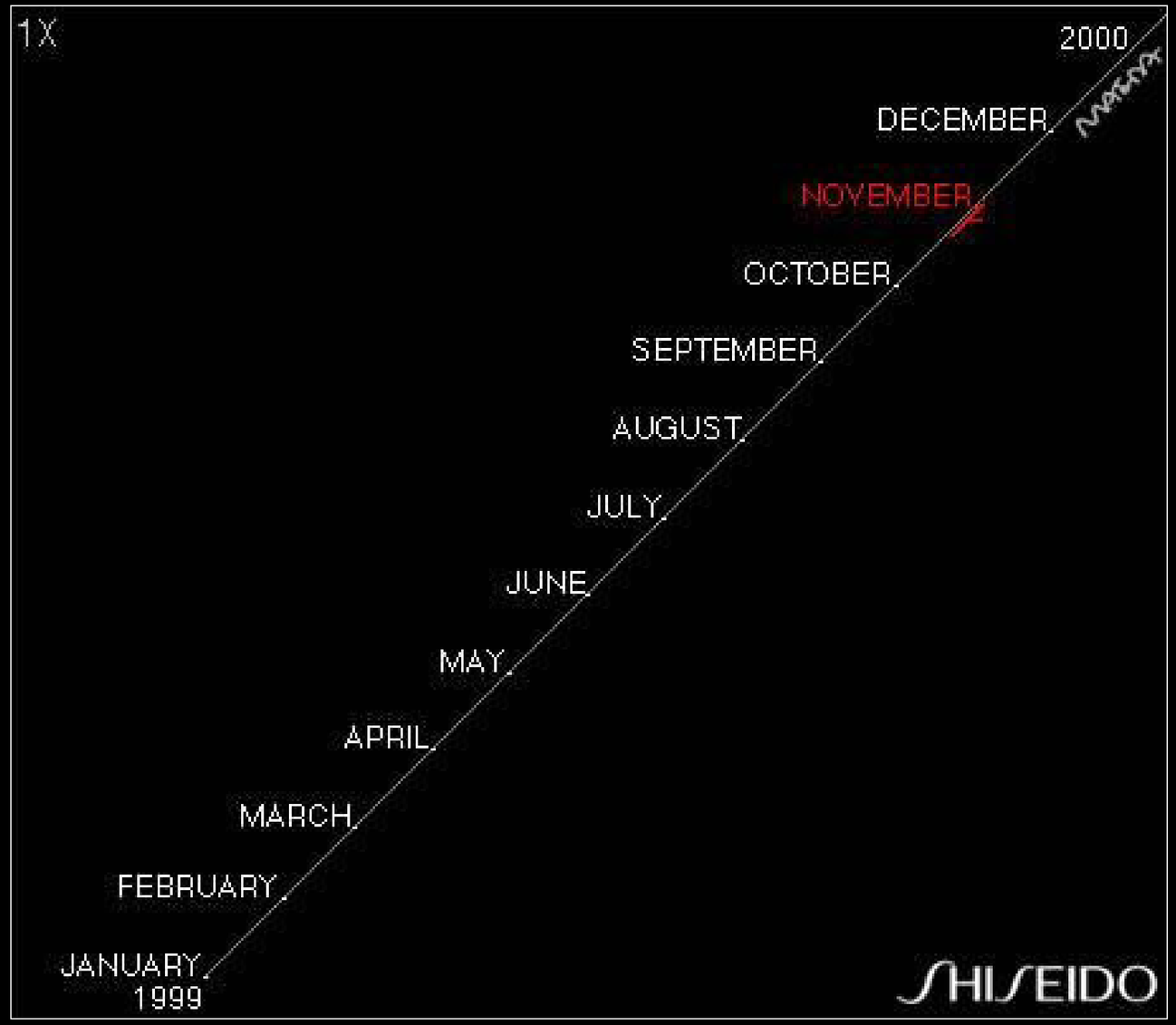
http://cmuems.com/2016/60212/lectures/lecture-09-09b-clocks/maedas-clocks/
https://www.youtube.com/watch?v=nA_UTUvC4h8

12 o'clocks
Published in 1996

[MacOS 76kB download]

Requires a PowerPC Macintosh running OS 9. Click on a specific mini-clock to select a different variation. To quit the application, hold down the Command-key, 1-key, and 0-key simultaneously.

...back

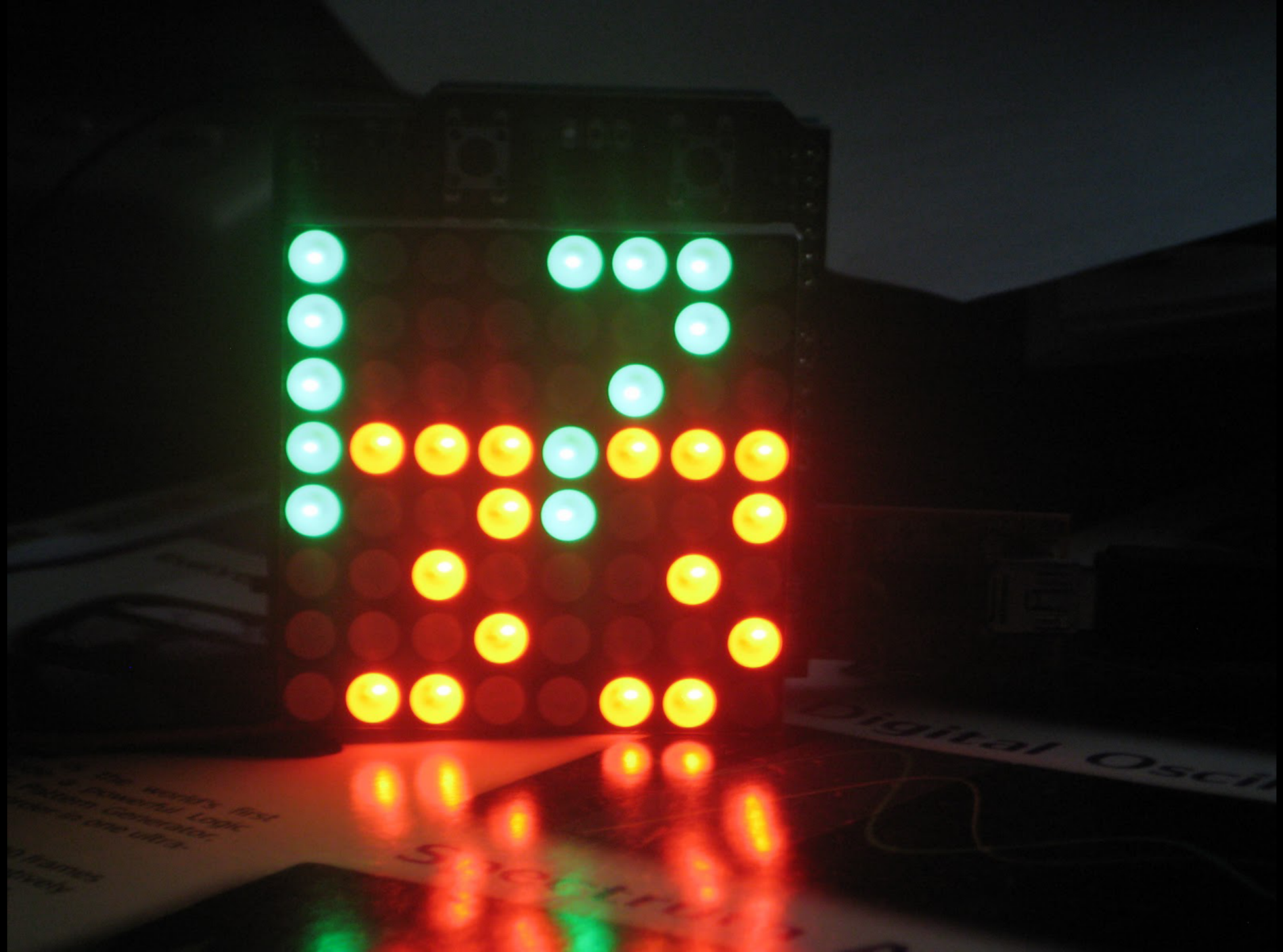


https://www.youtube.com/watch?v=Nblhng27qTk

Clocks, Timepieces, Watches

10 · 11 · 12 · 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 ·
35
30 · 25 · 20 · 15 · 10 · 5 · 0 · 55 · 50 · 45 · 40 ·

David Reinfurt



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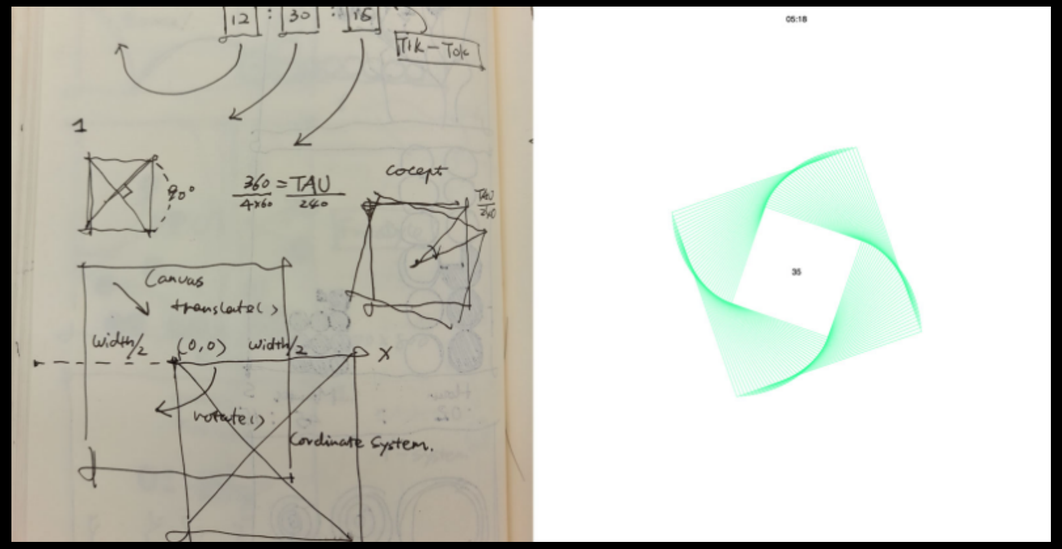
Clocks: Student Examples

Five

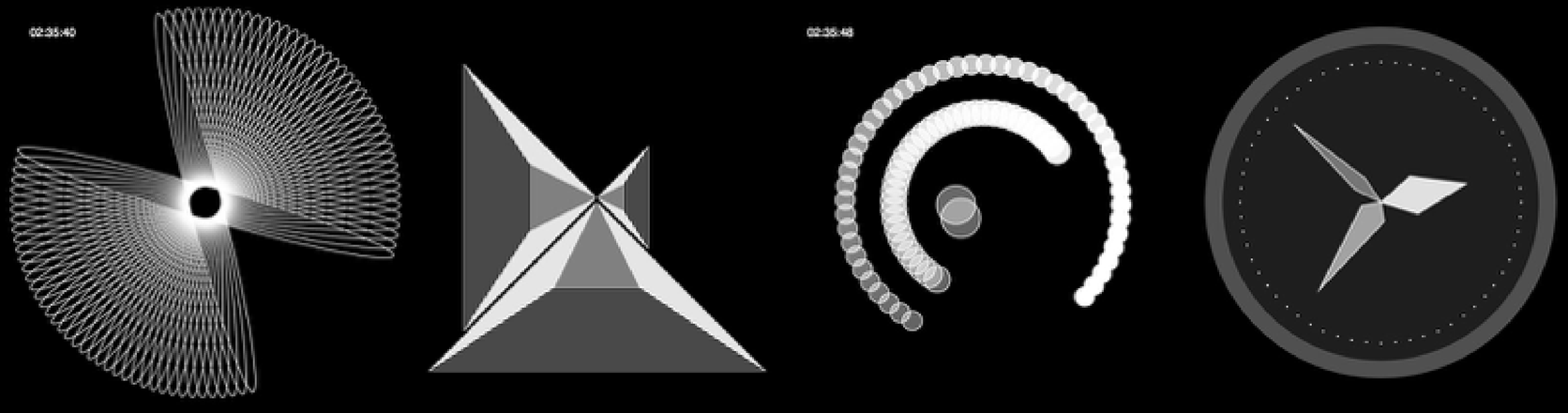
33

11

Pedro Reylond-Cuéllar

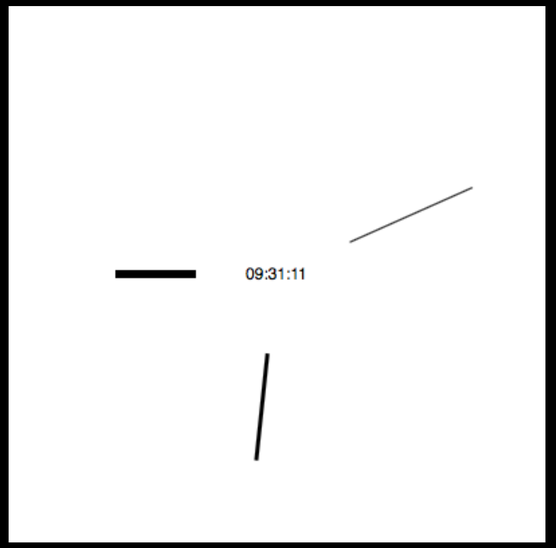


Junjiao Gan



Xiang Xu

Shruti Dhariwal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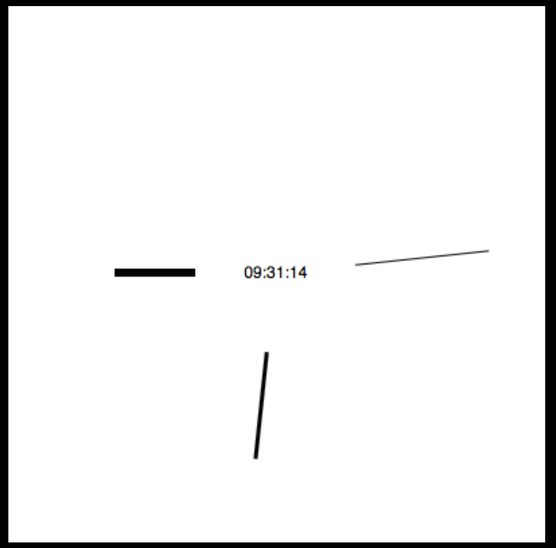
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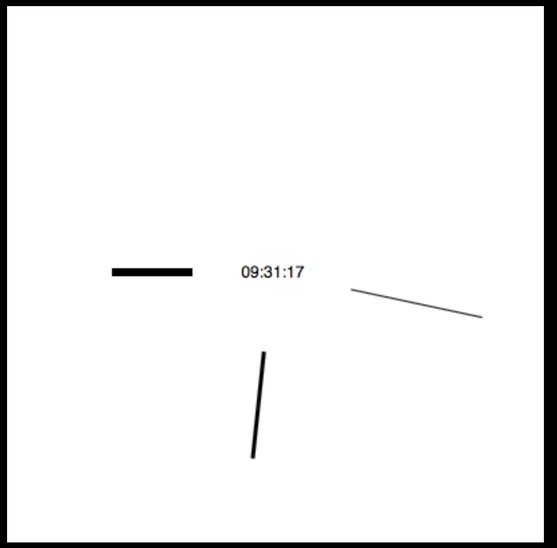
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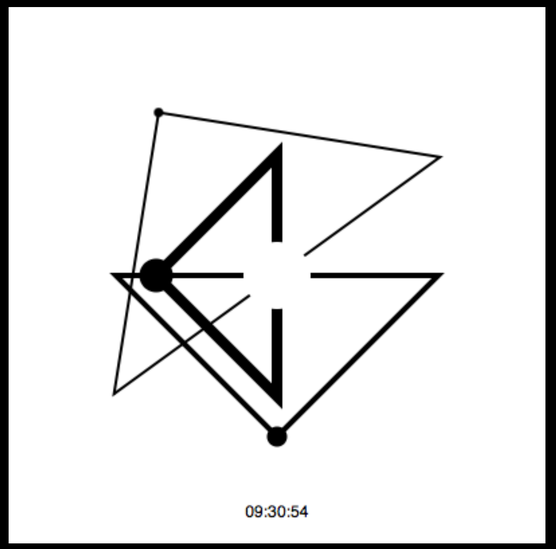
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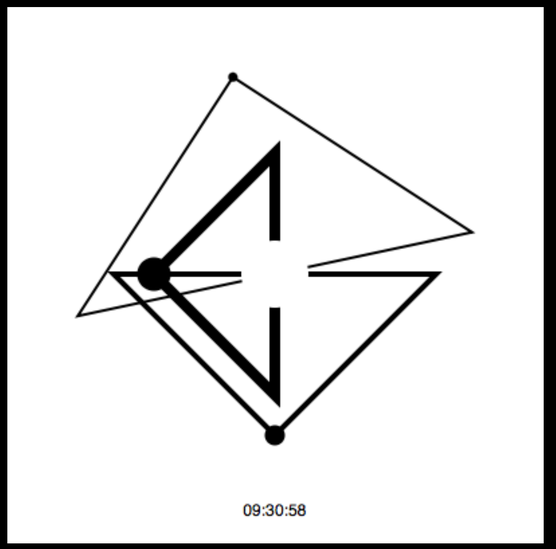
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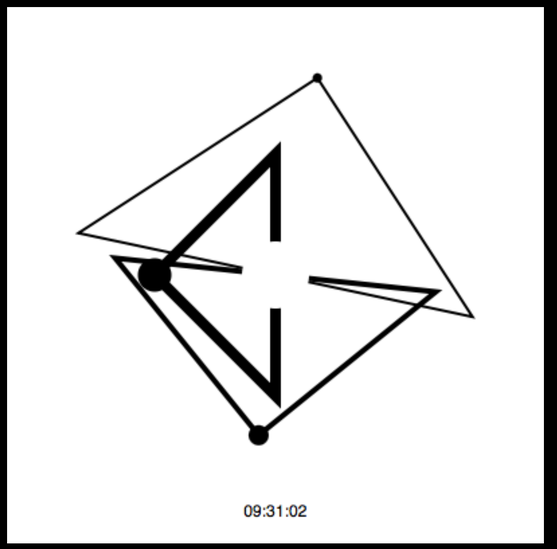
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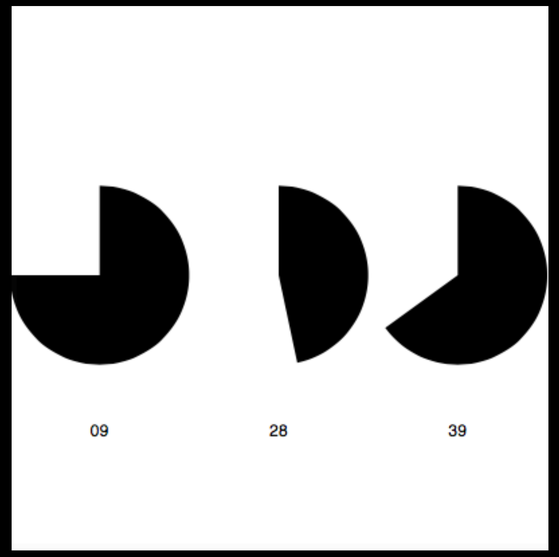
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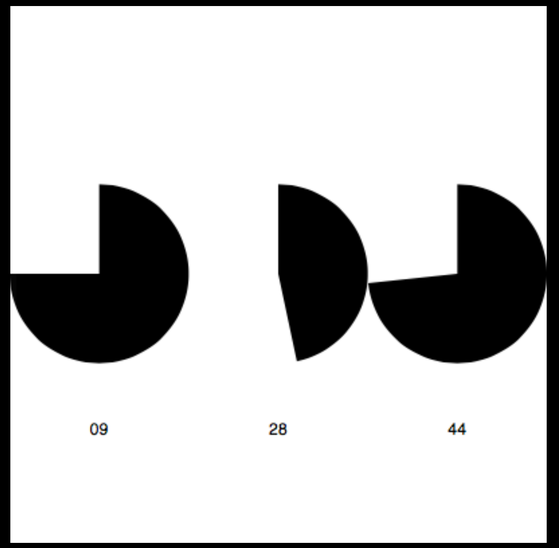
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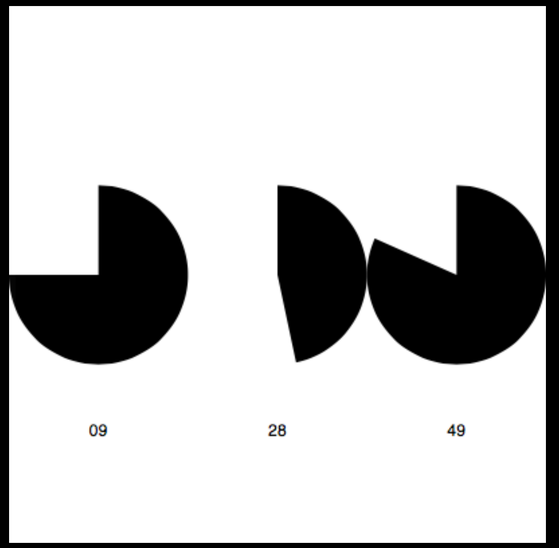
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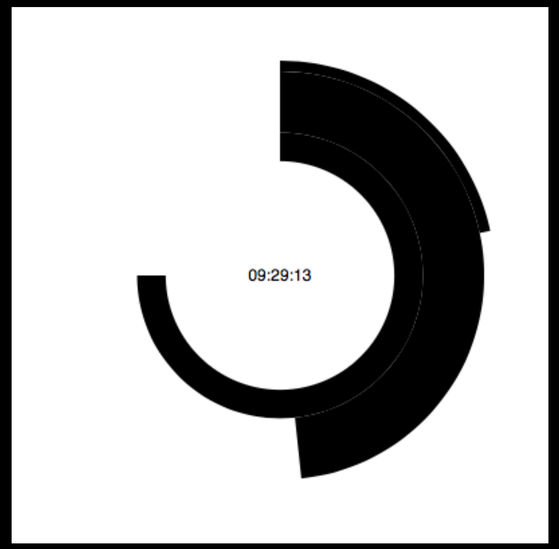
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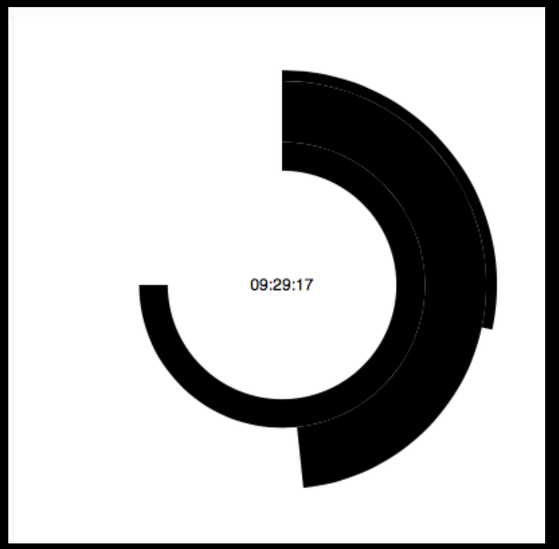
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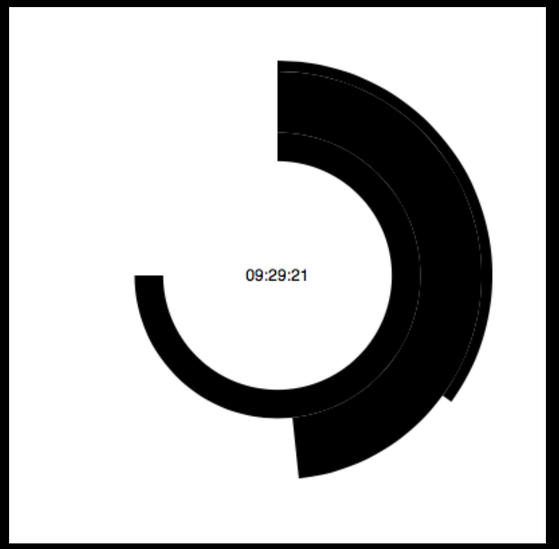
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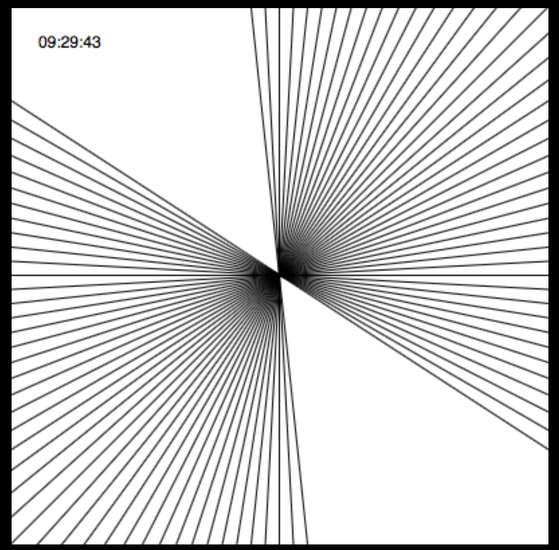
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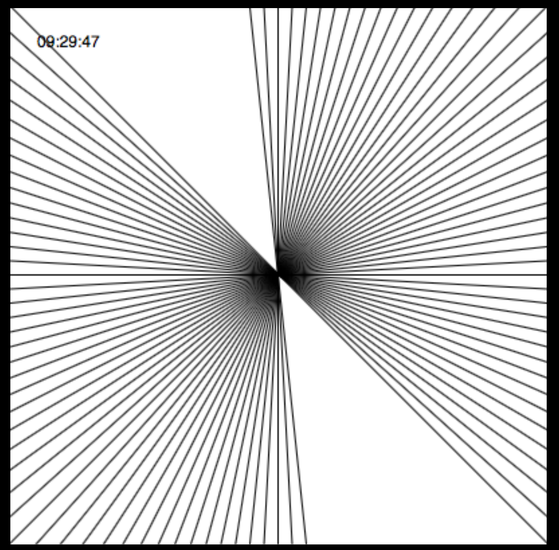
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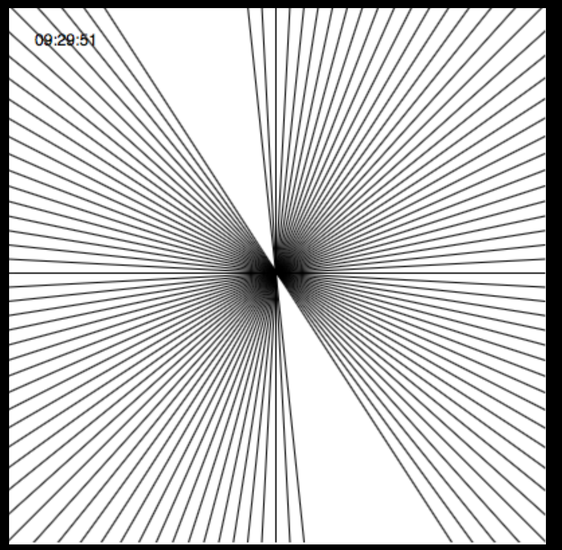
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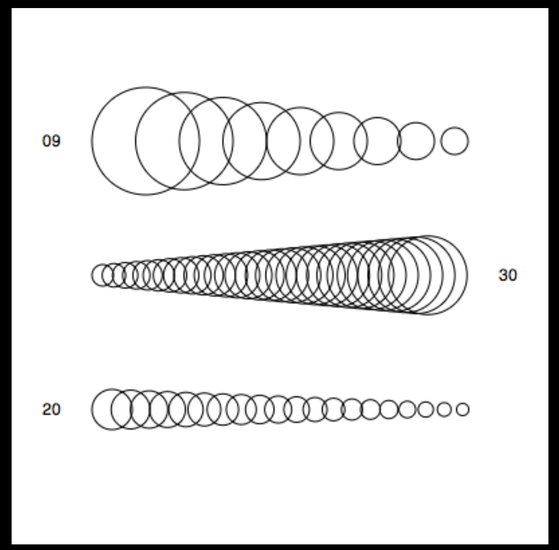
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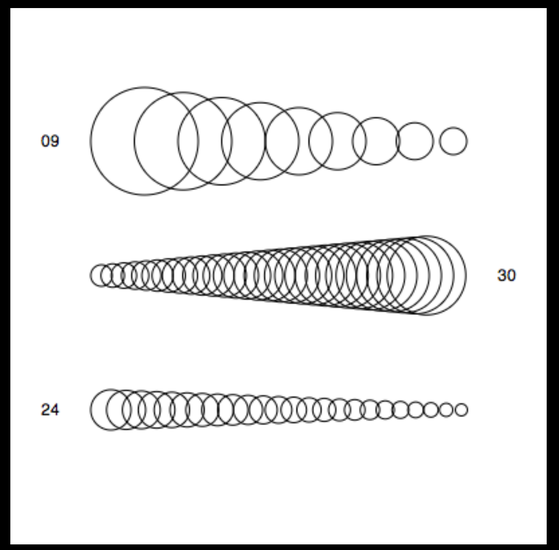
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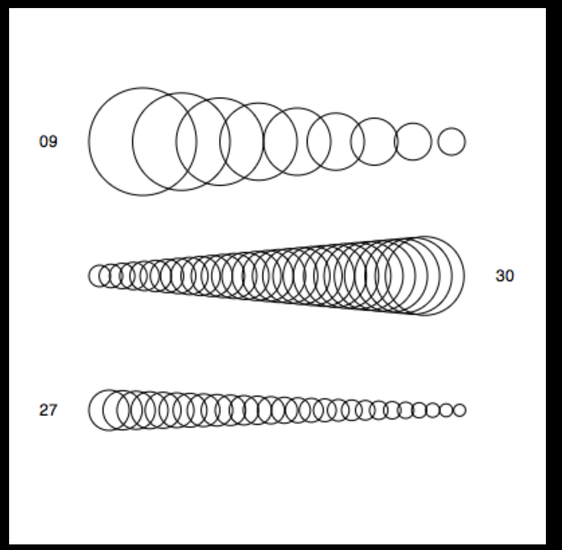
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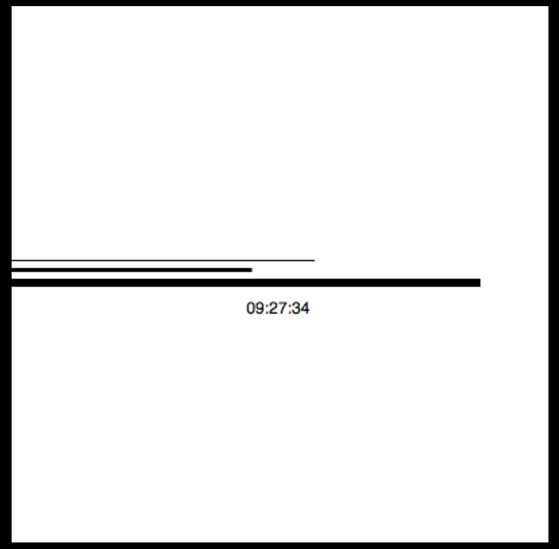
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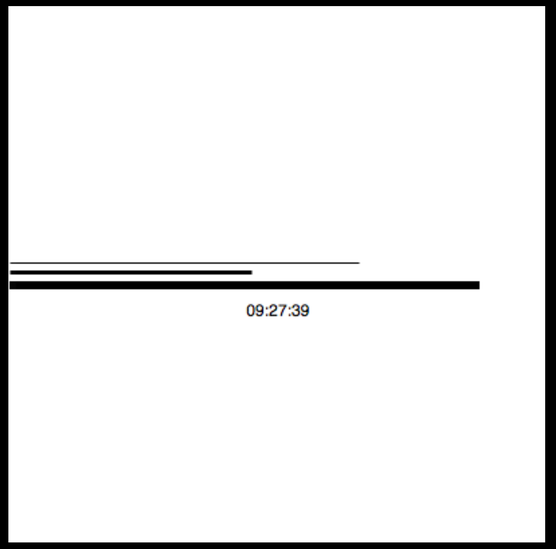
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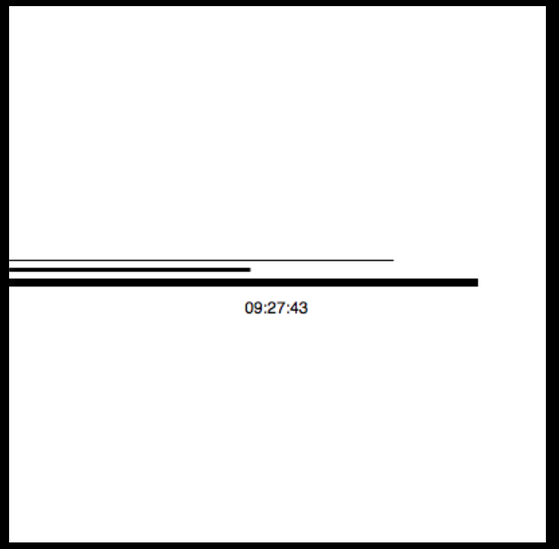
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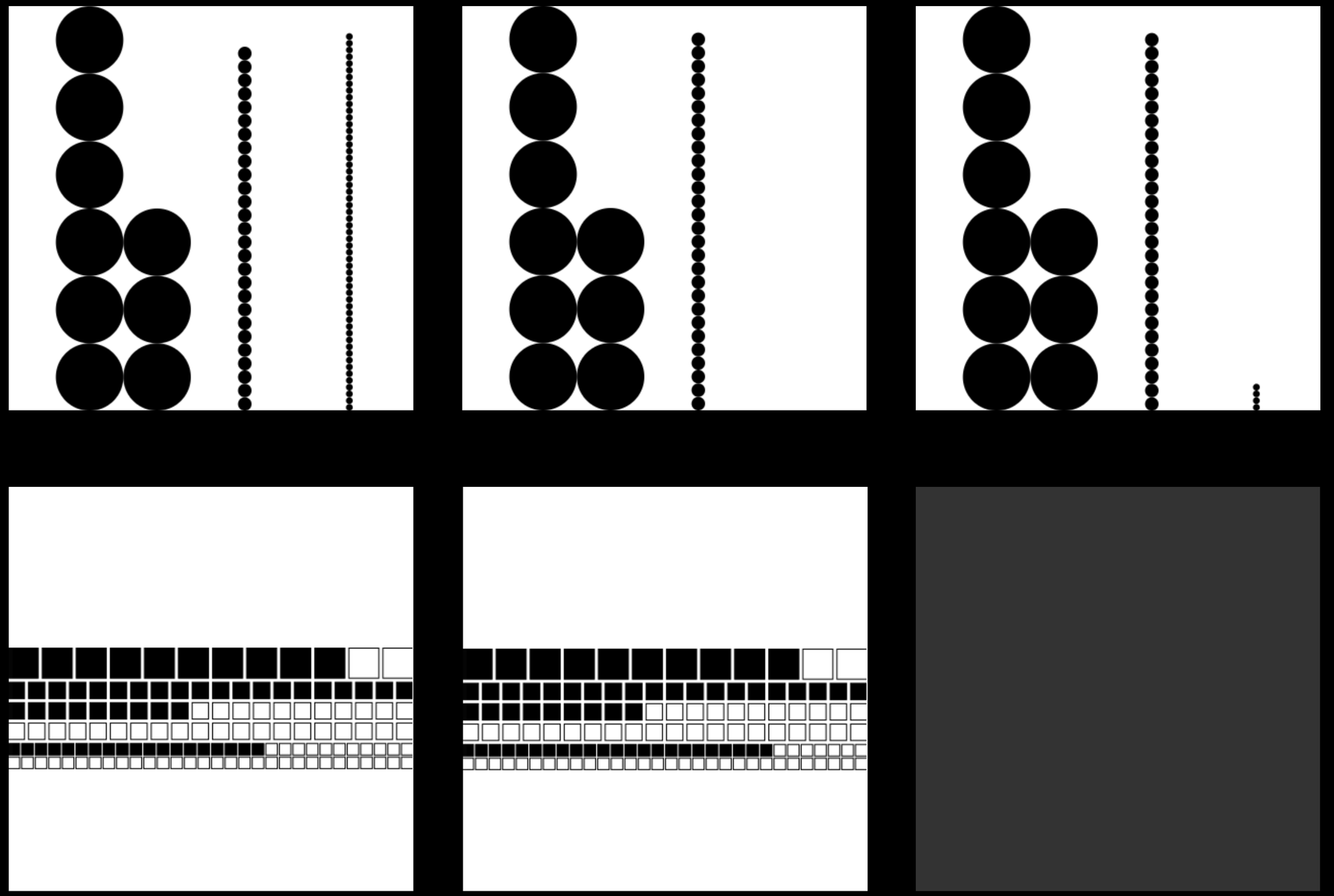

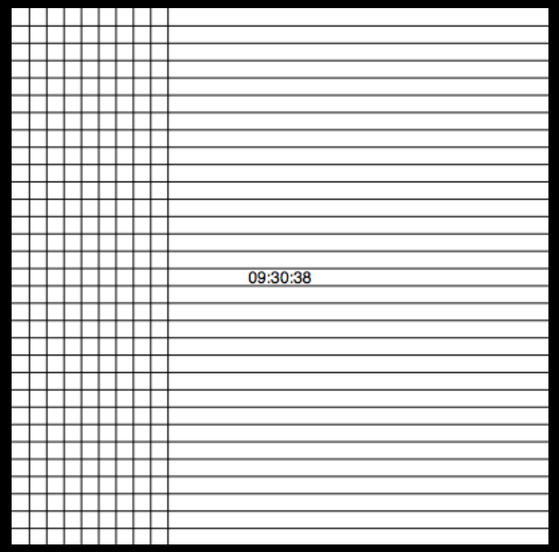
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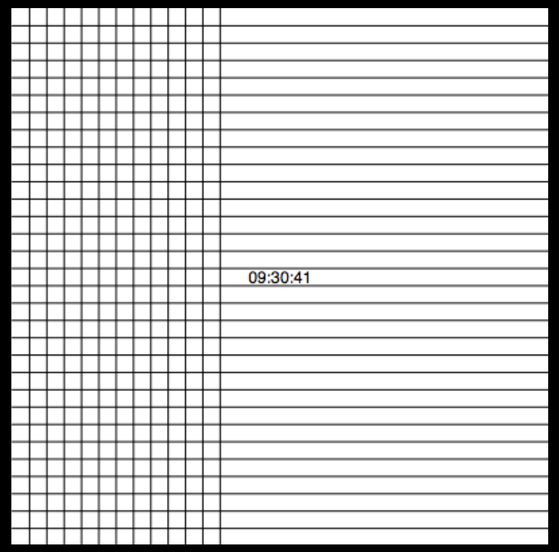
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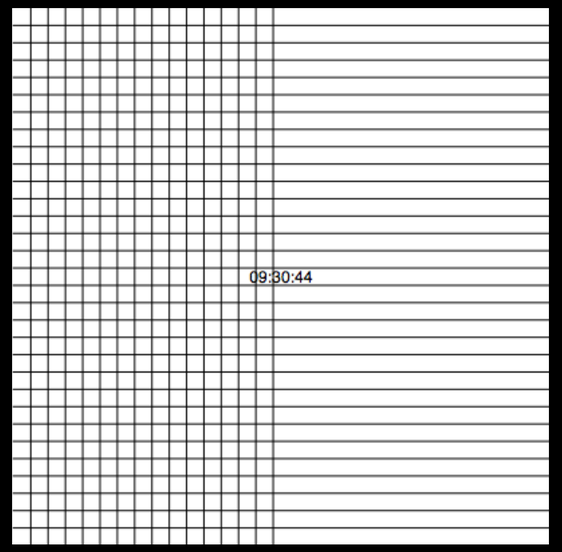
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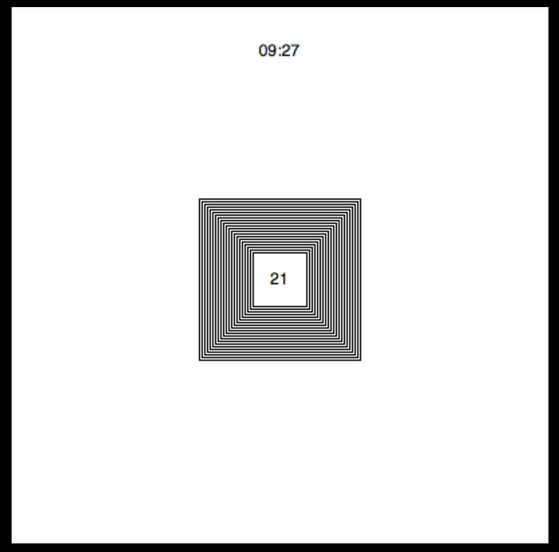
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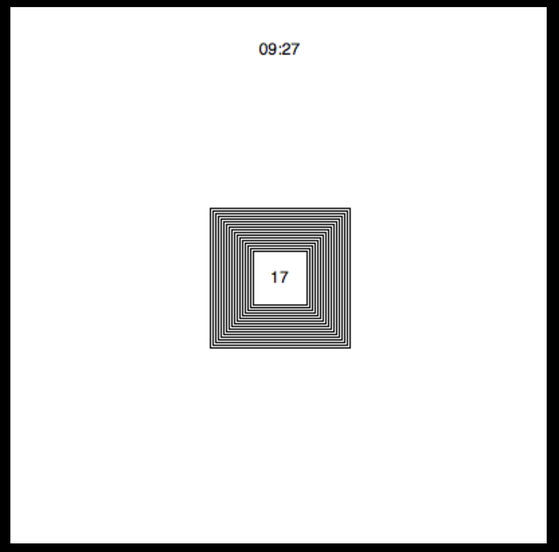
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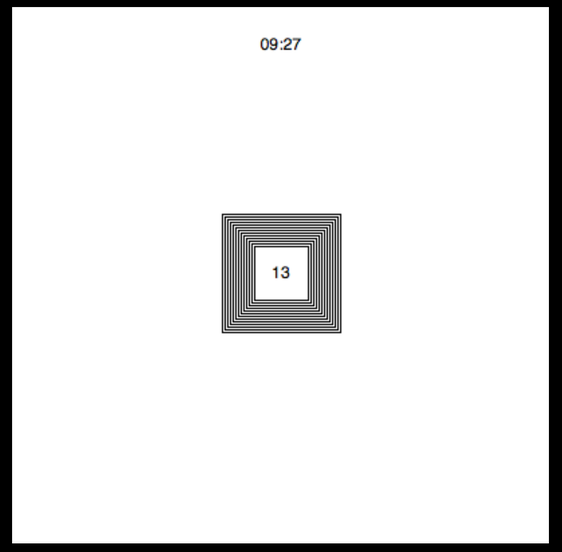
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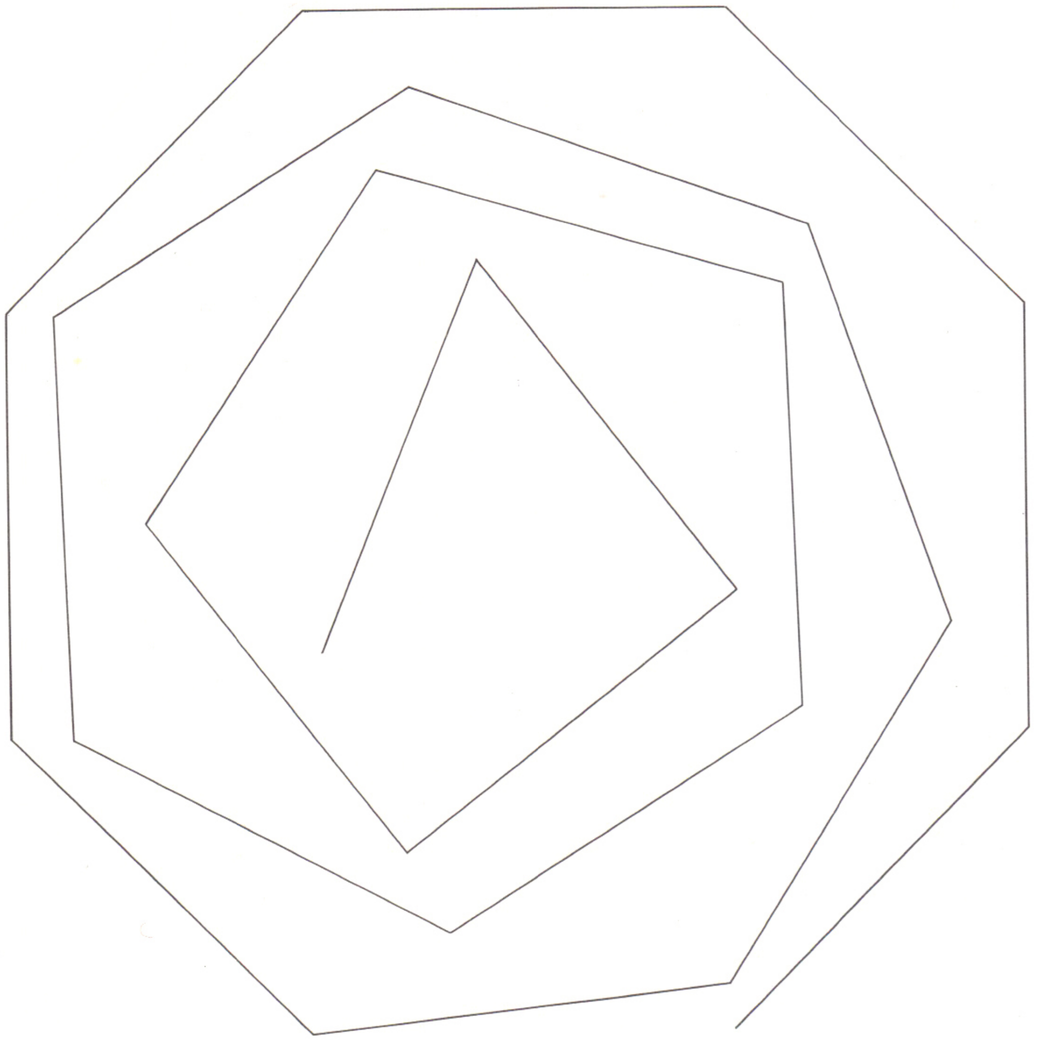
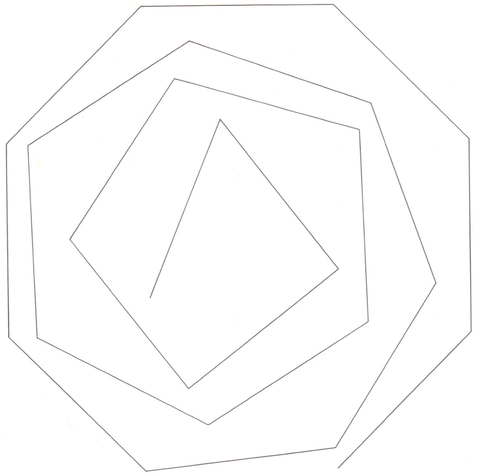
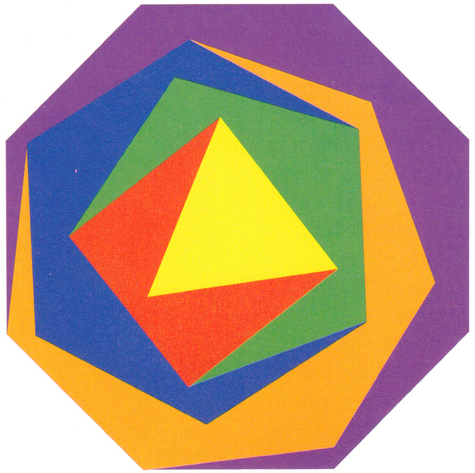
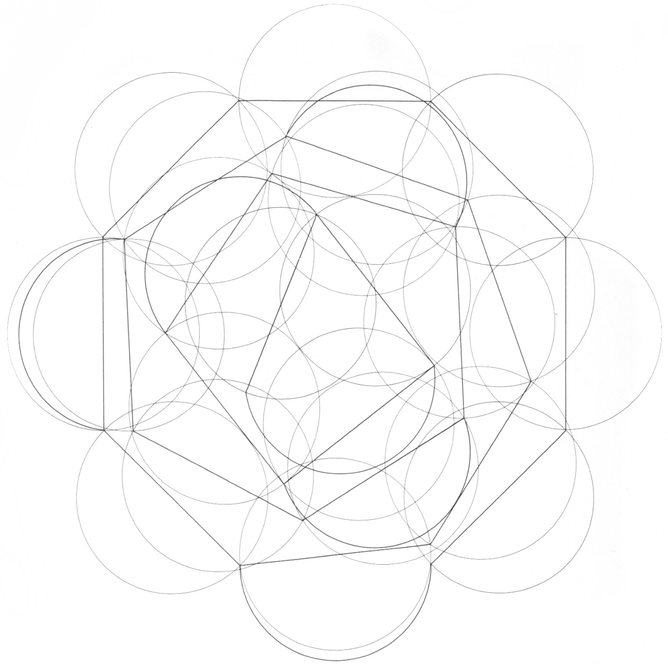
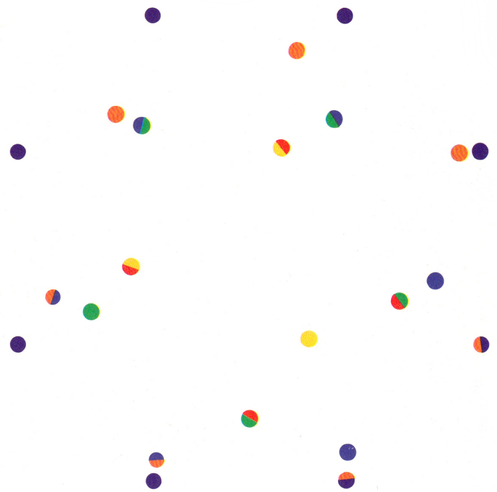
Iteration: Max Bill

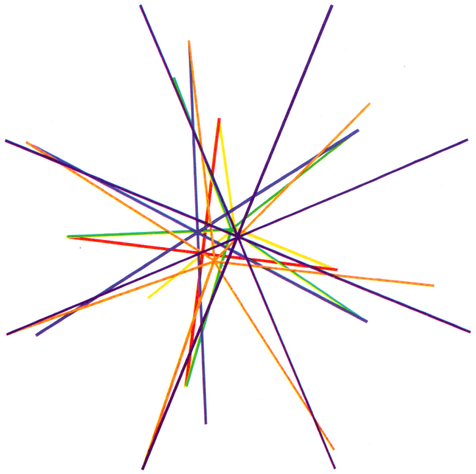


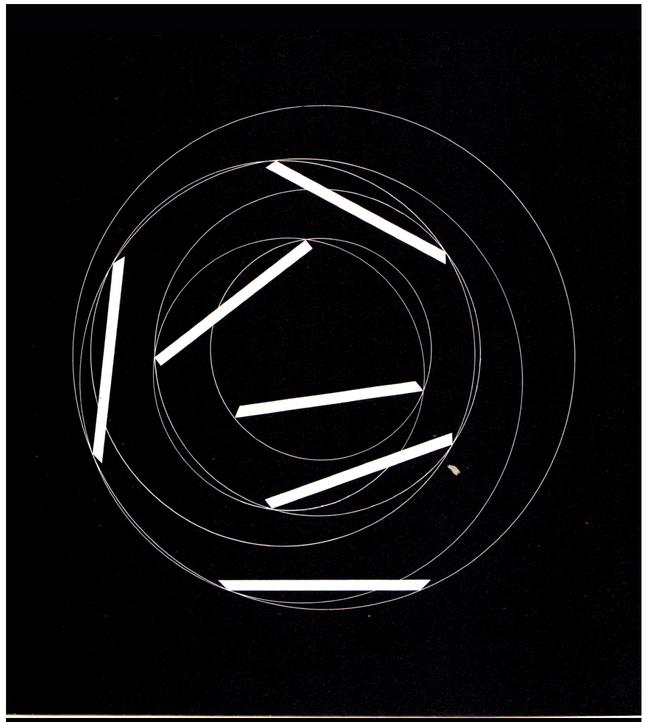


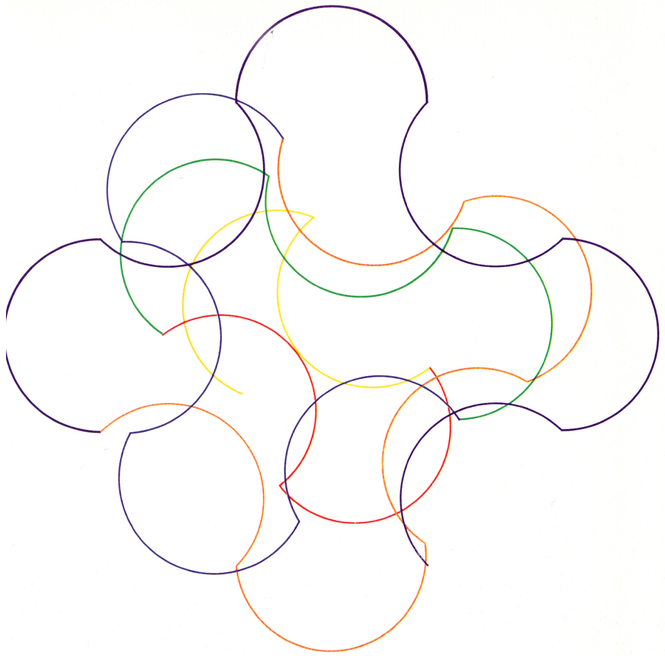


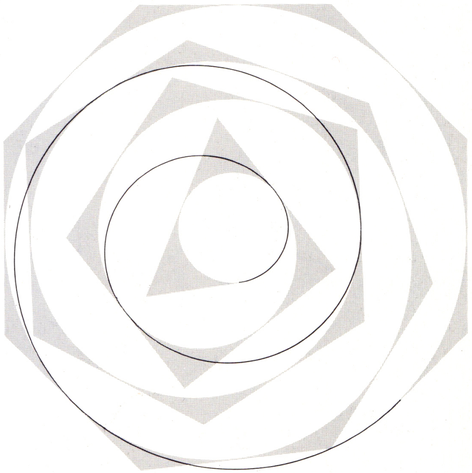


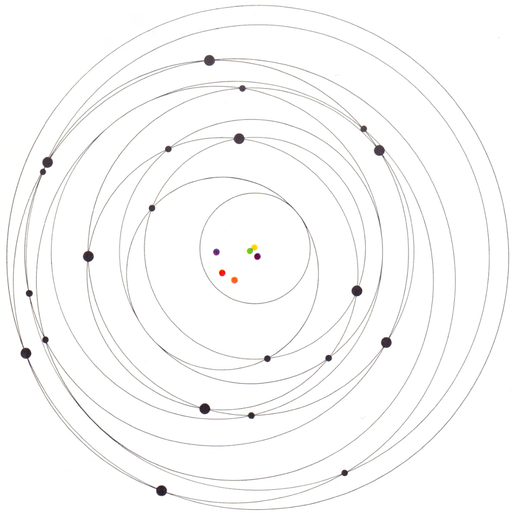


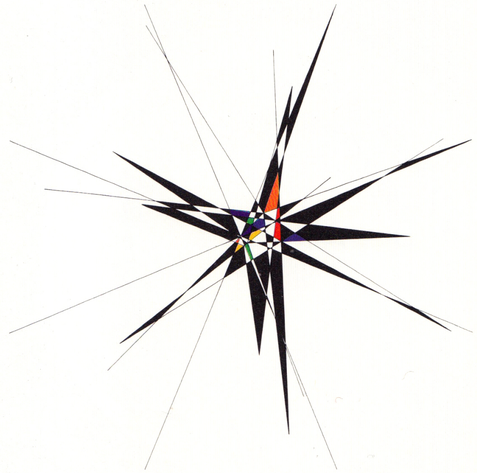


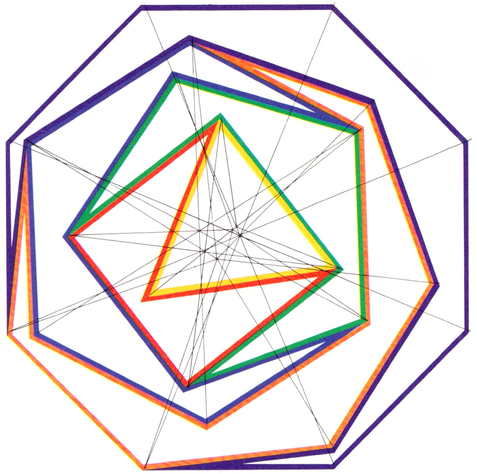


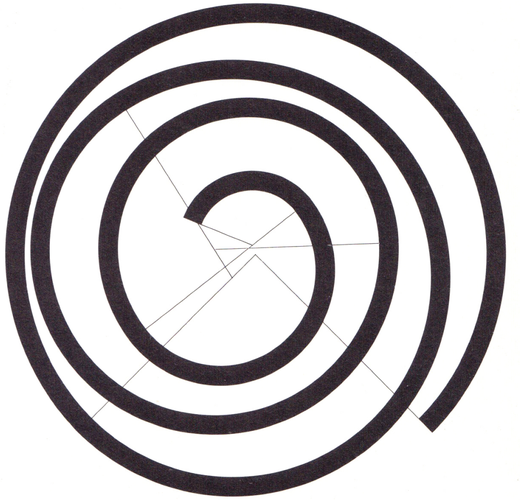




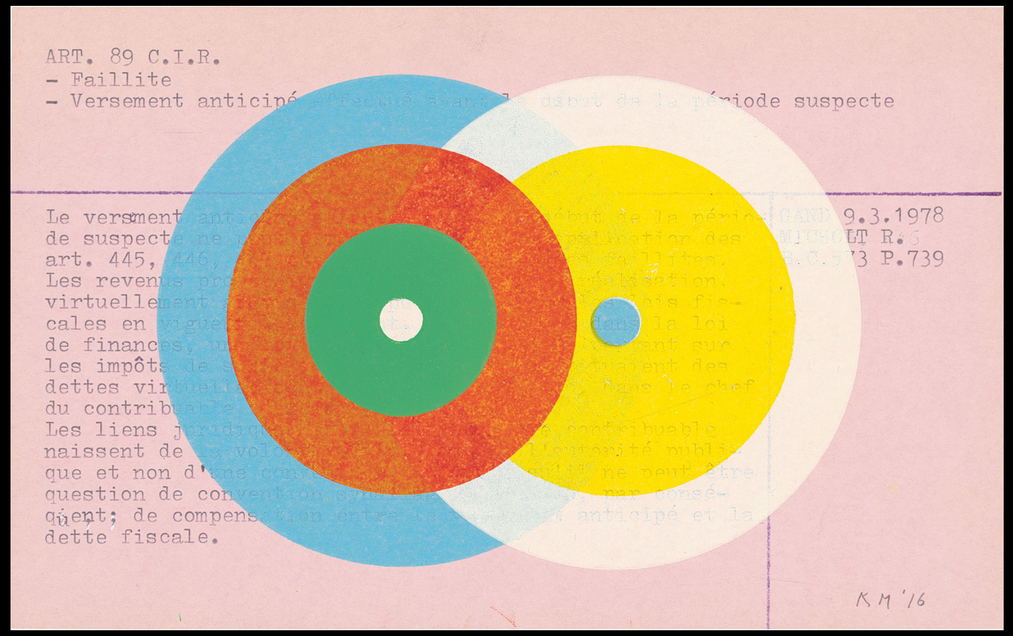


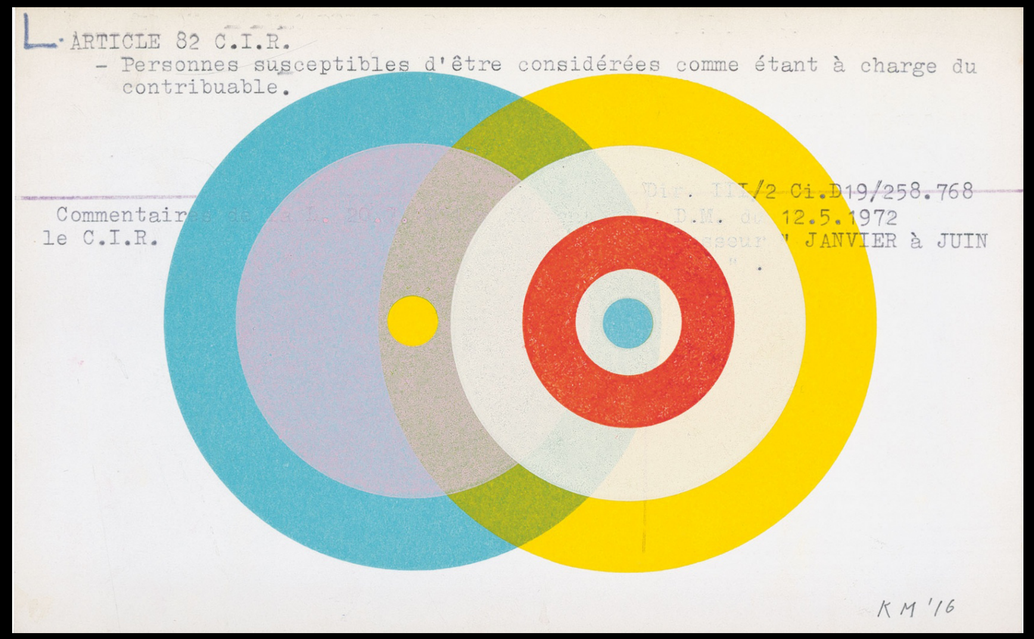


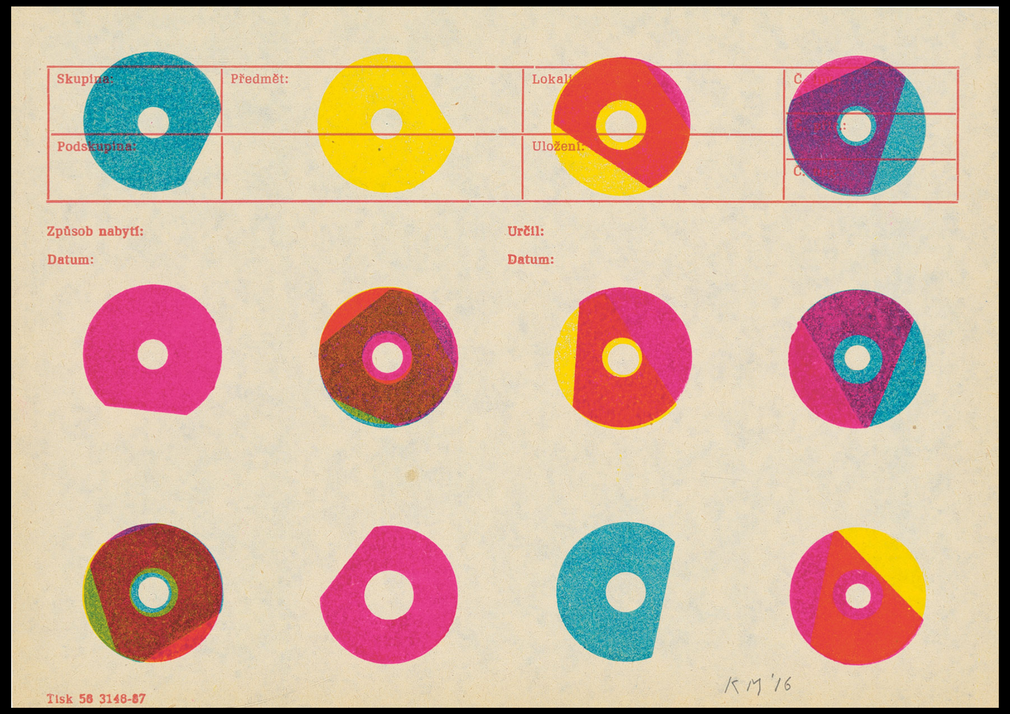




Play: Karel Martens


ART. 89 C.I.R.
- Faillite
- Versement anticipé
période suspecte
9.3.1978
P.739
dette fiscale.
KM '16


ARTICLE 82 C.I.R.
- Personnes susceptibles d'être considérées comme étant à charge du contribuable.
Commentaires
le C.I.R.
12.5.1972
JANVIER à JUIN
KM '16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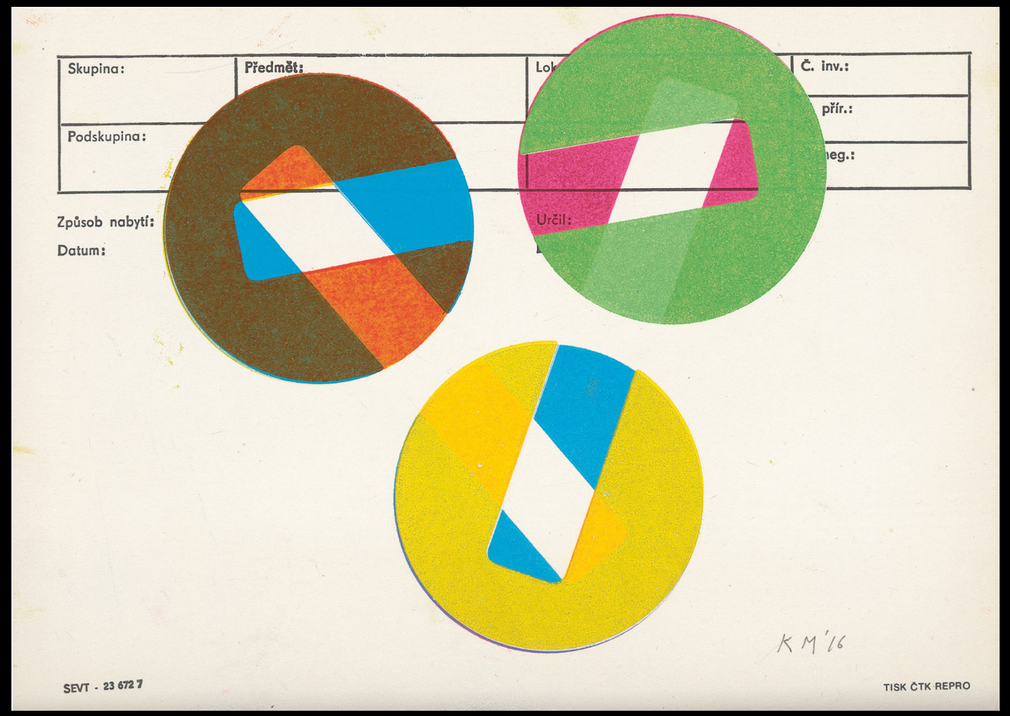
Předmět:
Podskupina:
Uložení:
Způsob nabytí:
Datum:
Určil:
Datum:
Tisk 58 3146-87
KM '16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Č. inv.:
přír.:
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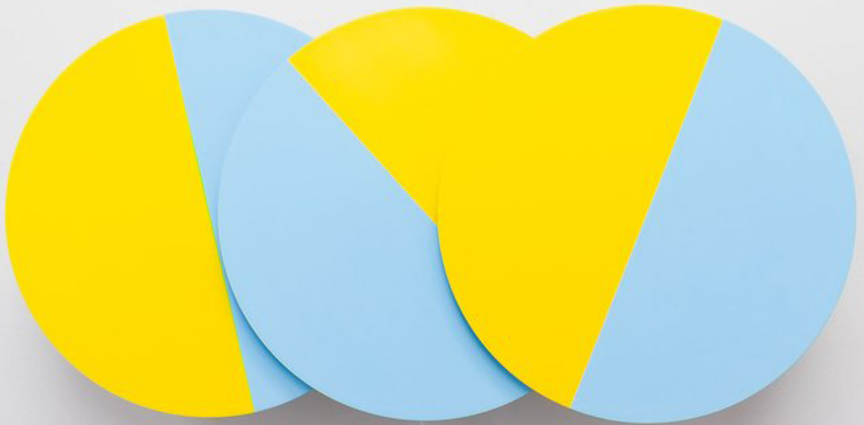
Způsob nabytí:
Datum:
Určil:
KM '16
SEVT - 23 672 7
TISK ČTK REPRO



A N

End