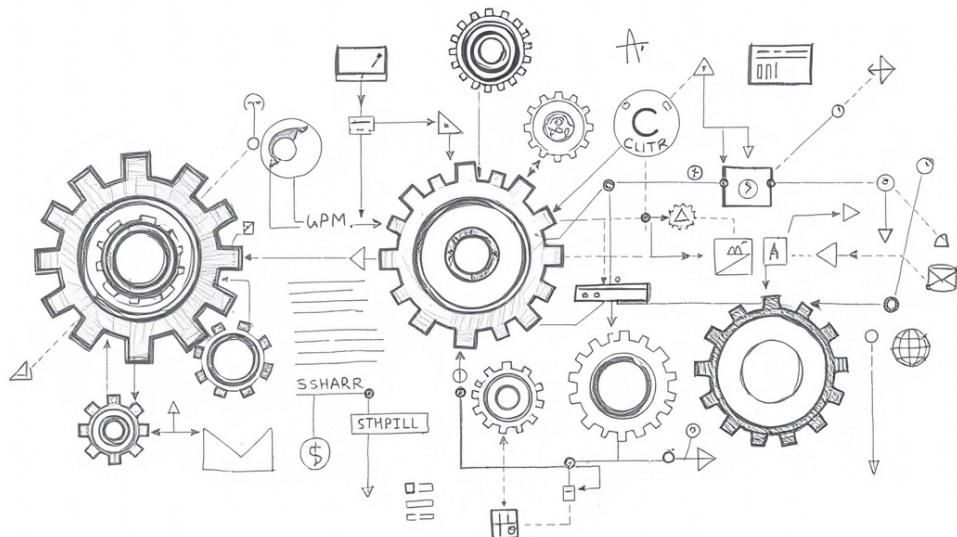


1.

2024-09-01



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
12. 19.701-90.

— , ,
, , , .

- 1.
- 2.
- 3.
- 4. (30).
- 5.

1. : (, , ,).
2. : , , , .
3. : (, , ,).

GPT-4

(1800–1600 ..)

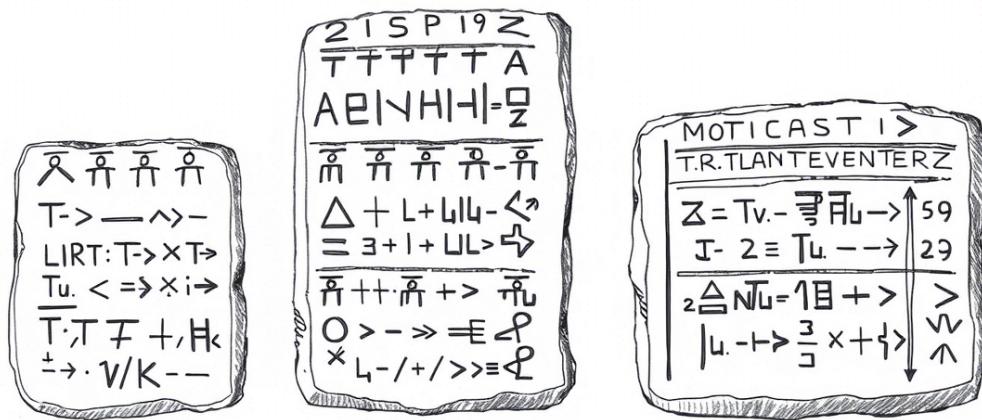


Figure 1:

(. 300 . ..)

« »

():

(a, b)

```
b <> 0
t := b
b := a mod b
a := t
```

a

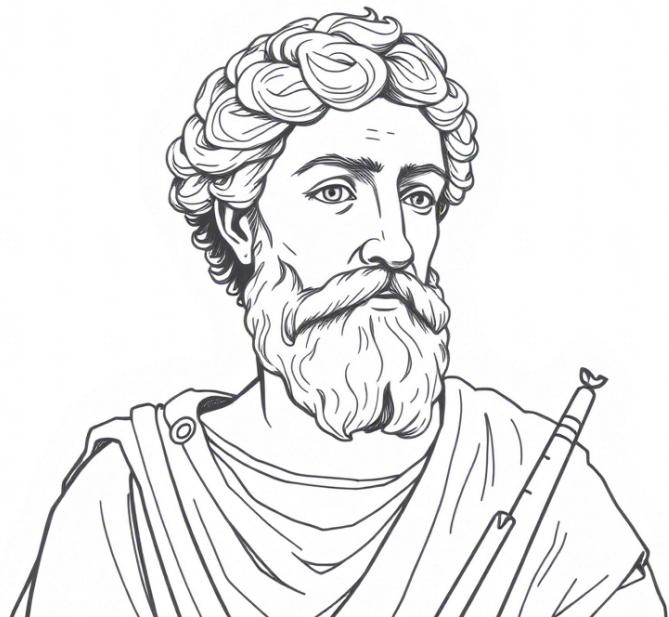


Figure 2:

- (. 780–850)
IX , , , .

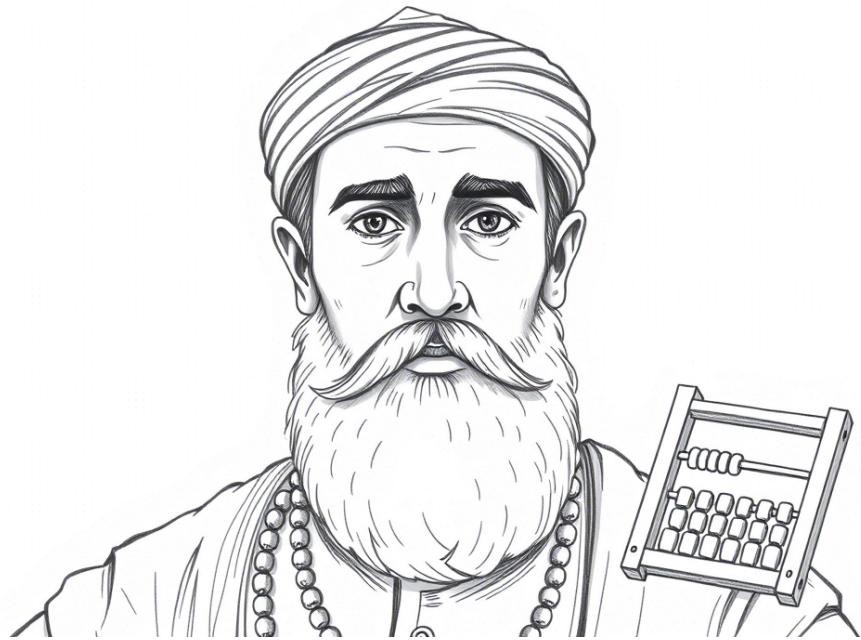


Figure 3:

- ;
- ;
- ;
- («Algorithmi») « ».;

: XII–XIII

(. 1170–1240)

- , .
- (0–9), ;
- , ;
- ;
- , — : 0, 1, 1, 2, 3, 5, 8, 13...

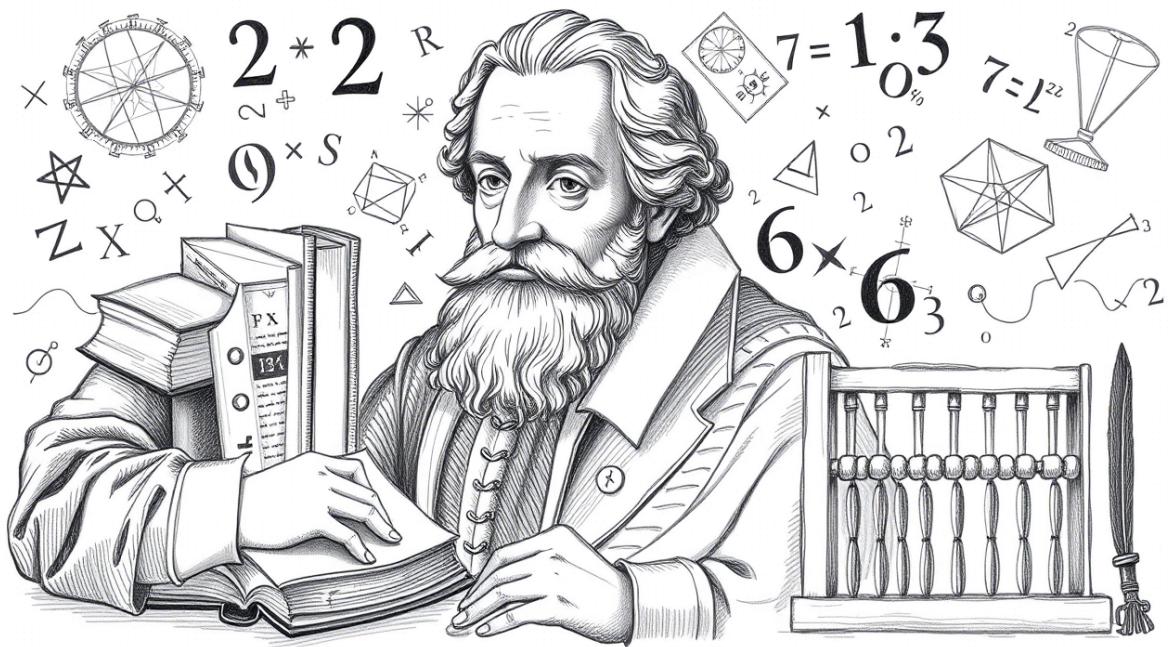


Figure 4:

(1235–1315)

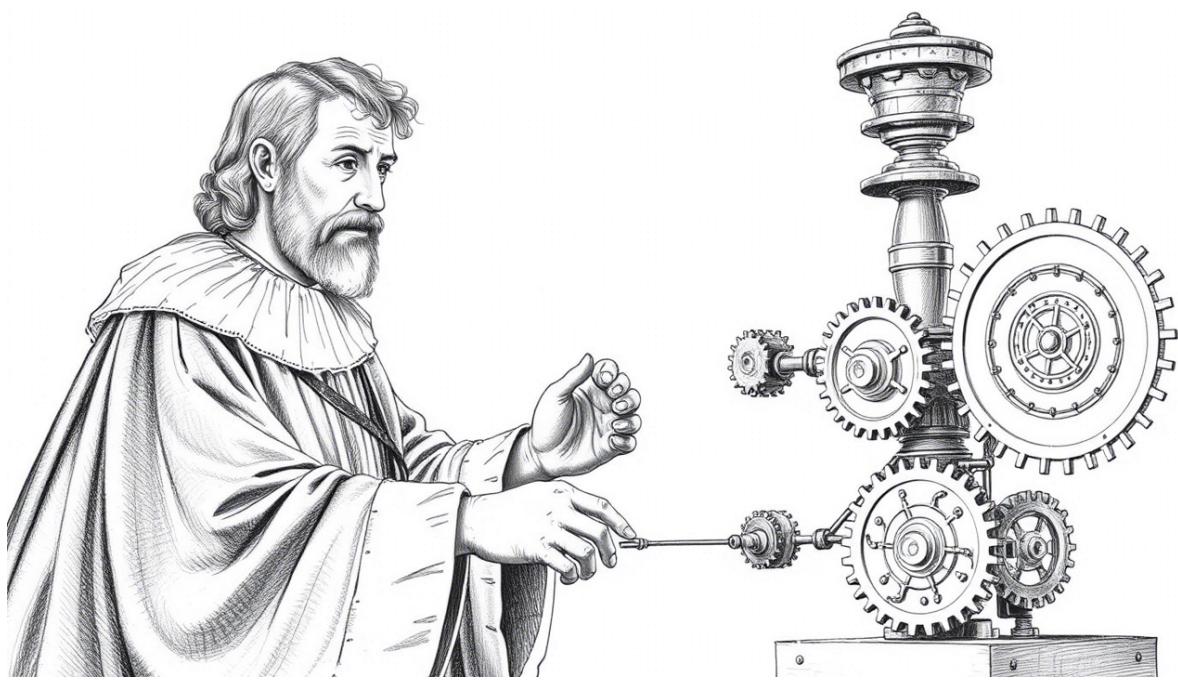


Figure 5:

• ;
 • ;
 • ().

2

(21.06.1646–14.11.1716)

(1673),

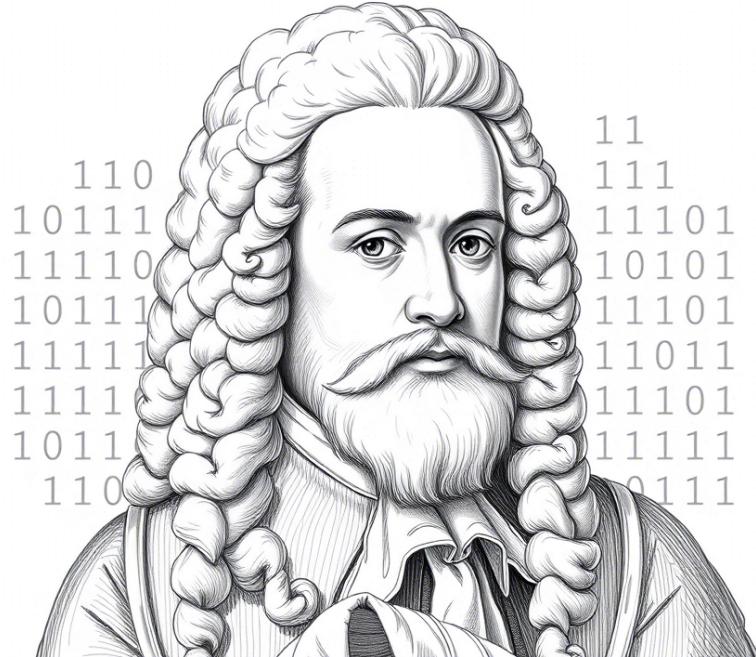


Figure 6:

(26.12.1791–18.10.1871)

(1832).

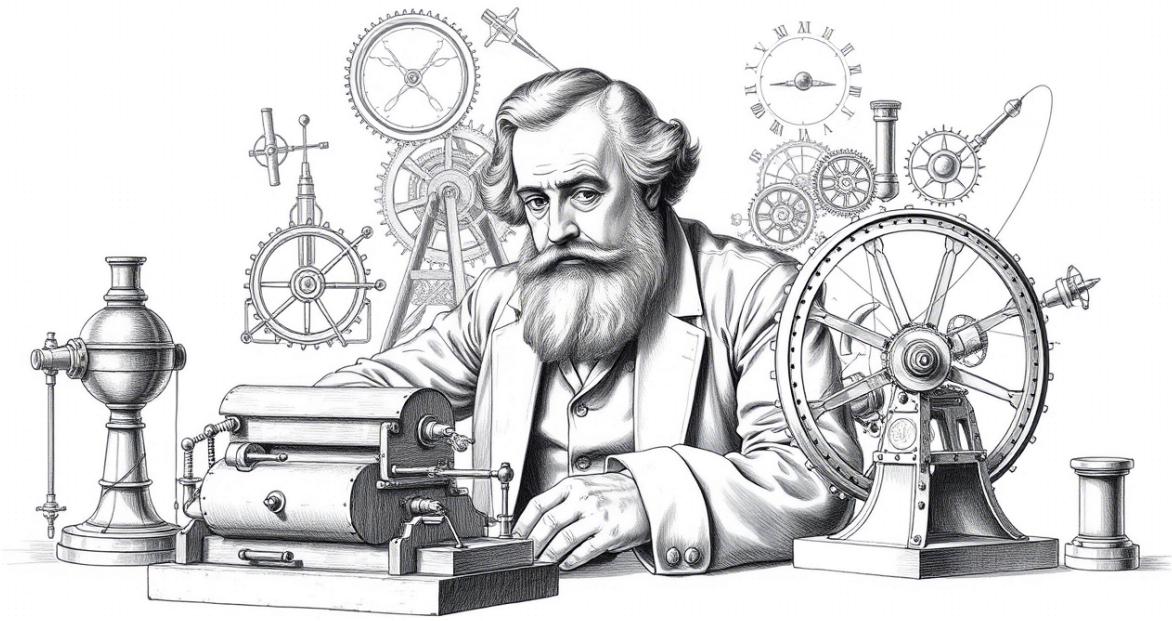


Figure 7:

(10.12.1815–27.11.1852)

1833

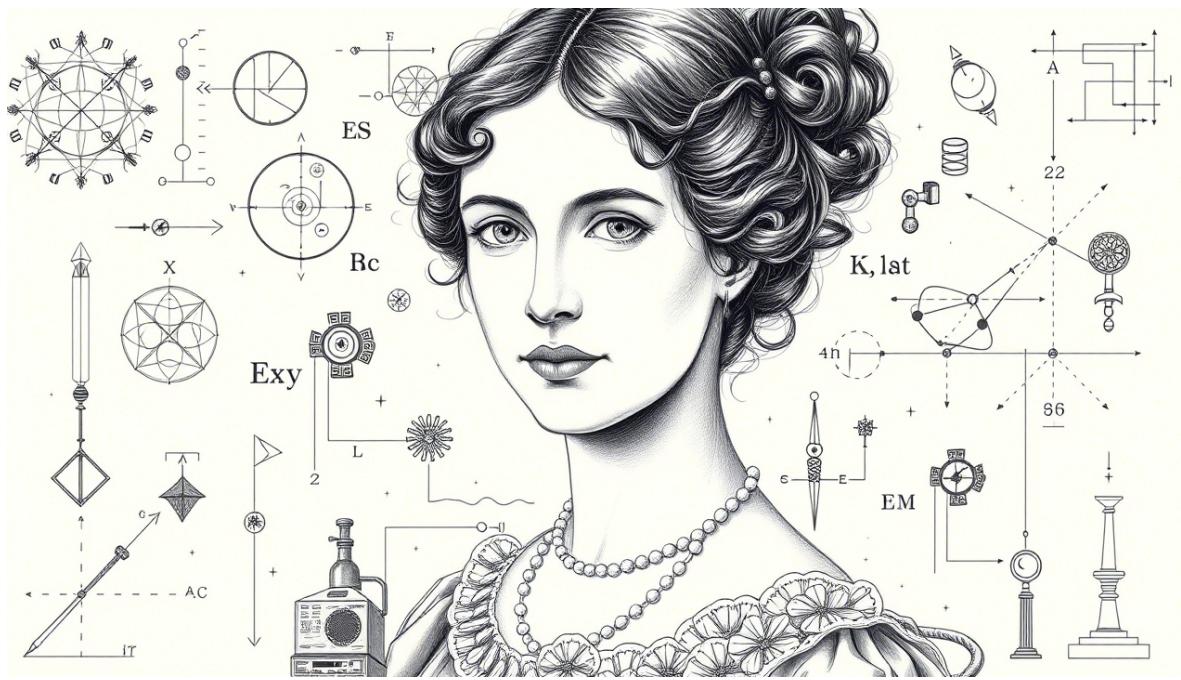


Figure 8:

XX :

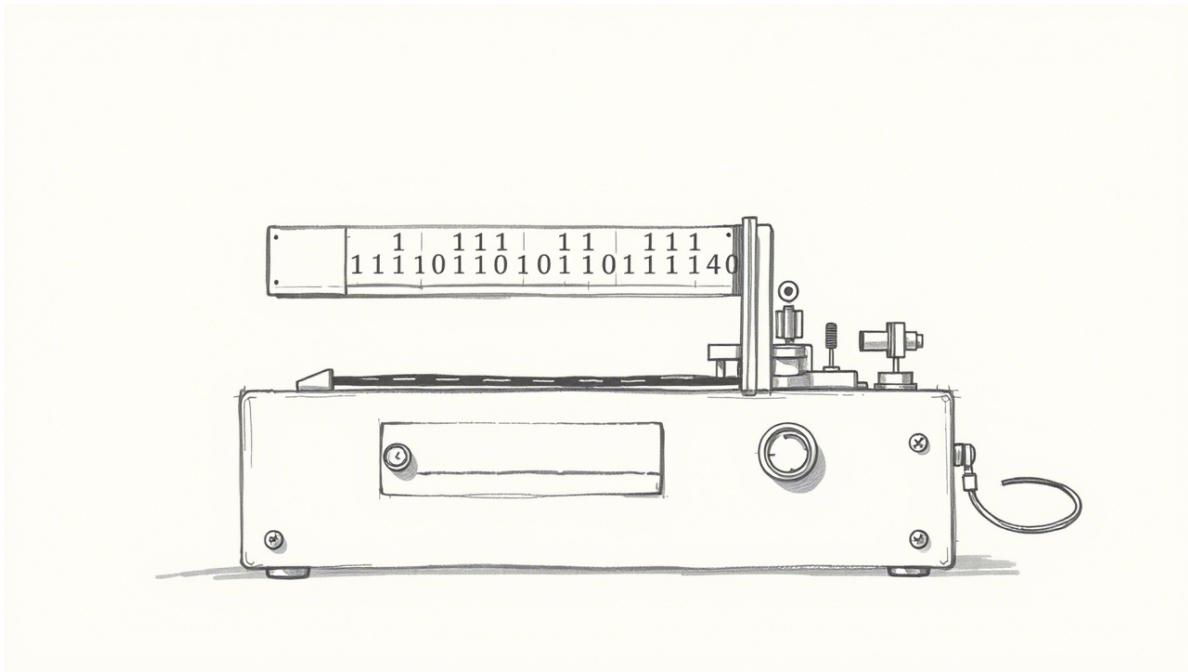


Figure 9:

```

:
:
(0→1, 1→0).

:
-
      Q1      0:      1,      ,      Q1.
-
      Q1      1:      0,      ,      Q1.

```

1950- :

- **FORTRAN** (1957) **ALGOL** (1958)
- (, , 1960) Computer Science.

XXI :

Big Data

- **PageRank** (Google) (DeepMind)
- (, Netflix)

- : 2016 . COMPAS ()
 - **GDPR** (2018) , « ».

12

-
-
-
- ,
- ,
- , , , ,
- , , , ,
- , , , ,

,

,

,

()

()

,

⟨⟨ ⟩⟩

,

,

()

,

().

,

,

—

,

,

: -

:

:

:

:

,
>= 18 = " "
" "
" "

:

:

.

().

:

Nº 123:

()
()
()

> 5

"

"

: (. 395).

, > 0 ,
= * (/ 100) * (/ 365)
": ",
" "

• (, , 0).
• , .

1

,
>= 18 = 0
" "
" "

:
• . 21 .
• .

, // : 0 - , 1 -
>= 18 == 0
" " "
" "

: 20% 22%:

// : = 20
= 22
= * / 100

,
: (. 38)**:

" = " "
" 50/50"

" " "

- - :

1. = " ". : "50/50"
2. = " ". : " "

()

(GDPR -152).

: : :

,
= " "
" : "
" < 20000
" : "
" "

,

,

(, , (, ,)).

(BNF)

19.701-90

».

19.701-90

19.701-90

- , .
- , .
- : (, , .).
• : ,
- , , .