

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



05. 05 | 18:00

Cappella Barocca dell'Istituto

In italiano con traduzione simultanea in ceco

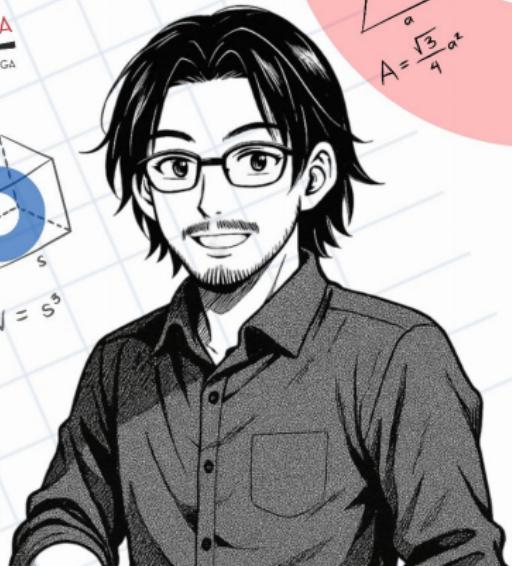
MATEMATICA + PAROLE

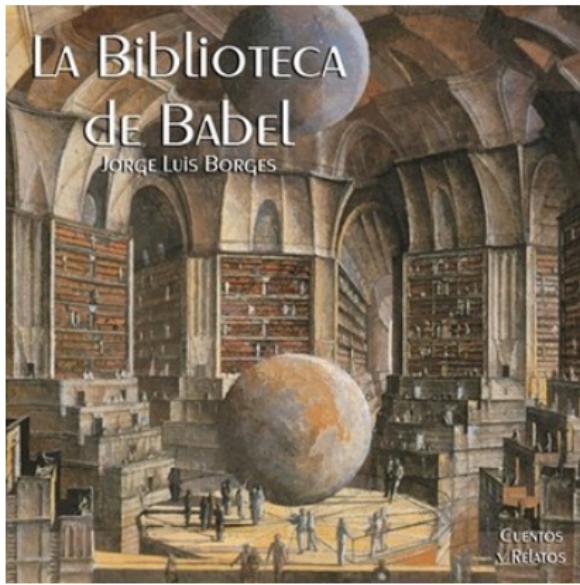
*Chiacchierando di combinatoria e formule,
senza dare troppo i numeri*

Incontro con
Francesco Dolce

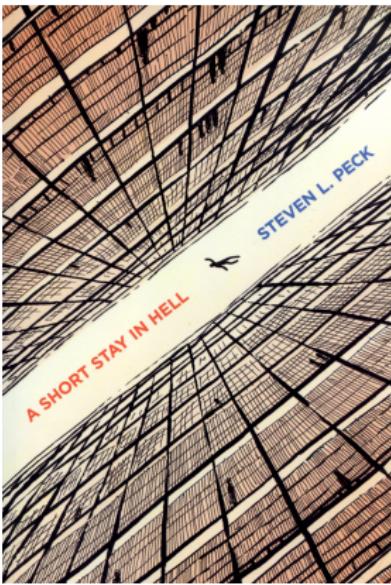


$$V = s^3$$





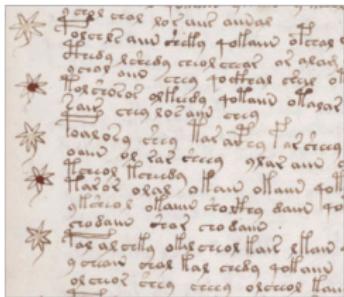
La biblioteca di Babele
Bábelská knihovna
(J.L. Borges)



Un breve soggiorno all'inferno
Krátký pobyt v peklu
(S.L. Peck)

Manoscritto Voynich

Voynichův rukopis



Parole, parole, parole

Slovo dělá matematika



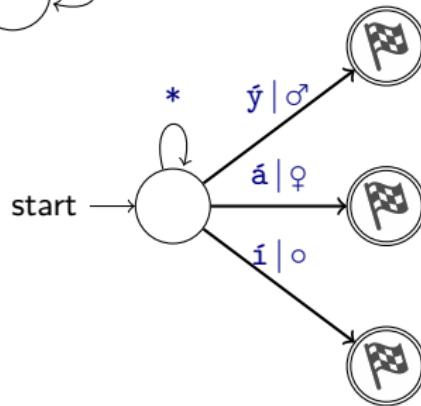
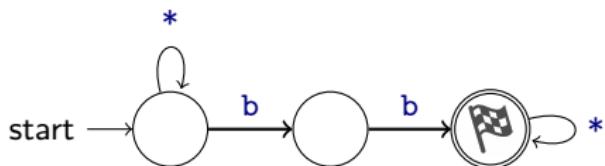
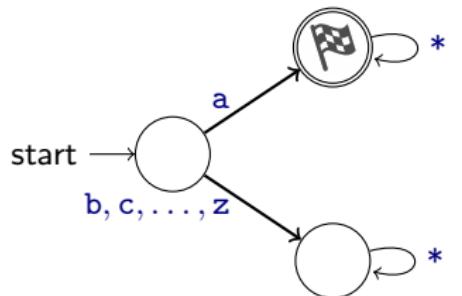
ACGATAACGGACATTACATATAACG



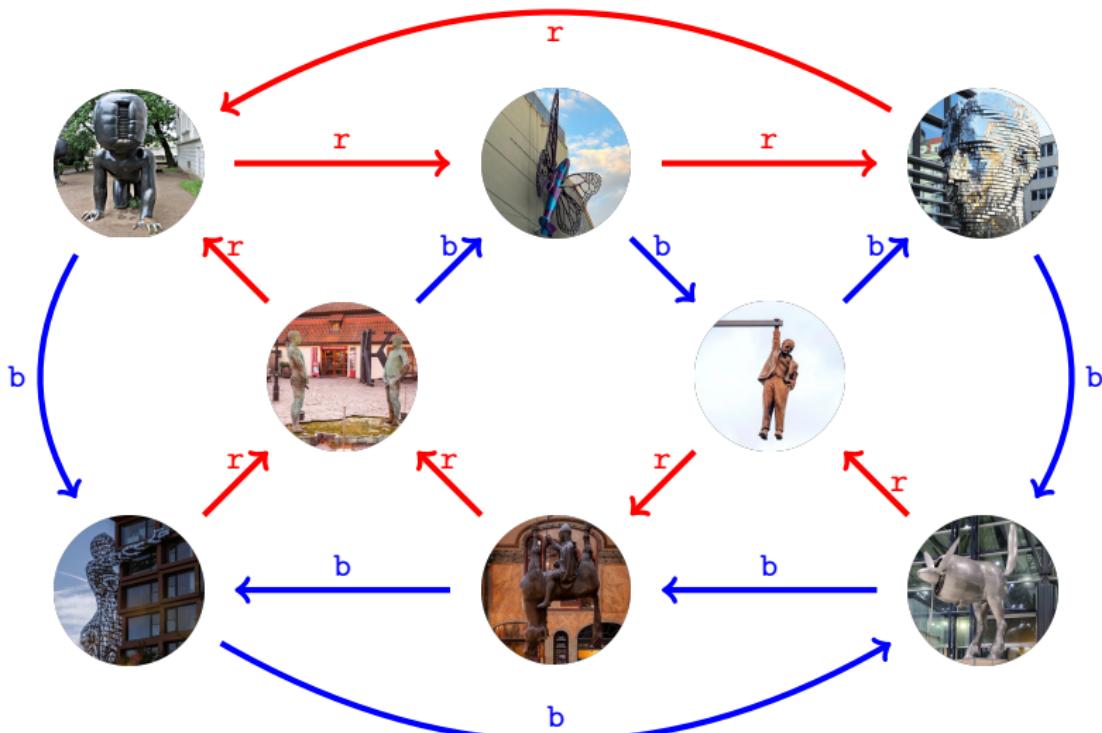
000, 001, 010, 011, 010,
011, 100, 101, 110, 111

Costruire parole : automi

Sestavit slova : automaty



Congettura di Černý Černého domněnka



Trasformata di Burrows-Wheeler

Burrowsova-Wheelerova transformace



b a n a n a



Trasformata di Burrows-Wheeler

Burrowsova-Wheelerova transformace



b	a	n	a	n	a
a	n	a	n	a	b
n	a	n	a	b	a
a	n	a	b	a	n
n	a	b	a	n	a
a	b	a	n	a	n



Trasformata di Burrows-Wheeler

Burrowsova-Wheelerova transformace



a	b	a	n	a	n
a	n	a	b	a	n
a	n	a	n	a	b
b	a	n	a	n	a
n	a	b	a	n	a
n	a	n	a	b	a



Trasformata di Burrows-Wheeler

Burrowsova-Wheelerova transformace



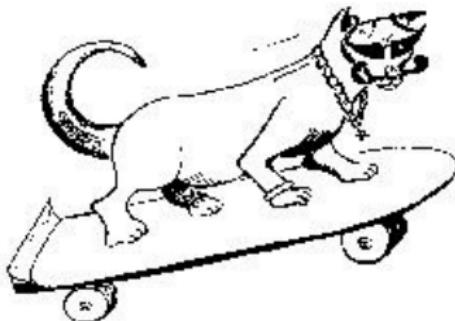
a	b	a	n	a	n
a	n	a	b	a	n
a	n	a	n	a	b
b	a	n	a	n	a
n	a	b	a	n	a
n	a	n	a	b	a



$\text{bwt}(\text{banana}) = \text{n nb a a a}$

Palindromi

Palindromy



GOFLOWOLFOG

Palindromi

Palindromy



otto, Anna, kayak, Ai lati d'Italia, I topi non avevano nipoti, Aceto nell'enoteca



Palindromi

Palindromy



otto, Anna, kayak, Ai lati d'Italia, I topi non avevano nipoti, Aceto nell'enoteca



oko, blb, nepochopen, Jelenovi pivo nelej, Ital platí



Palindromi

Palindromy



otto, Anna, kayak, Ai lati d'Italia, I topi non avevano nipoti, Aceto nell'enoteca



oko, blb, nepochopen, Jelenovi pivo nelej, Ital platí

135797531,

SIGNATE SIGNATE MERE ME TANGIS ET ANGIS,
ROMA TIBI SUBITO MOTIBUS IBIT AMOR.



Contando palindromi

Počítání palindromů

pizza

→

p, i, z, a
zz



Contando palindromi

Počítání palindromů

pizza

→

p, i, z, a
zz

5 = 5 ✓



Contando palindromi

Počítání palindromů

pizza

→ p, i, z, a
zz

5 = 5 ✓



ananas

→ a, n, s,
ana,
anana

6 = 6 ✓



Contando palindromi

Počítání palindromů

pizza

→ p, i, z, a
zz

5 = 5 ✓



ananas

→ a, n, s,
ana,
anana

6 = 6 ✓



pizzahawaiana

→ p, i, z, a, h, w, n,
zz,
aha, awa, aia, ana

12 < 13 ✗

