# Al creating poetry

**Boris Orekhov** 

### Neurobashkort

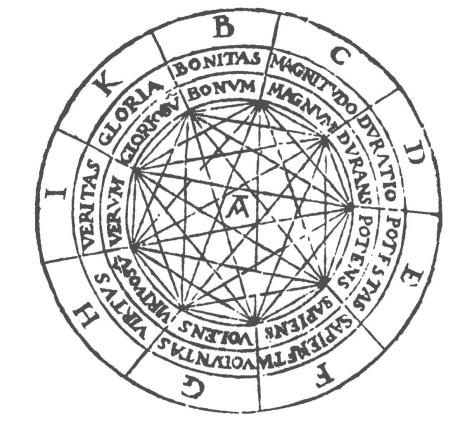






http://nevmenandr.net/pages/nb.php





Ars magna, Ramon Llull, 12th century

#### SCIENCE AND ART.

Clark, late of Bridgewater, and now of Paddington, for thirteen years has been occupied, as it display of the line is effected simply by mewould seem from the mere sport of the thing, and in a spirit of indifference as to what might be its subsequent use, with the invention of a machine for composing hexameter Latin verses. The invention is stated to be less difficult of realization than might have been expected. The rules of verse, Mr. Clark tells me, the measured syllables and the measured time of dactyls, spondees, trochees, &c., which act as fetters of confinement to the writers of verses and much increase their difficulties, have an opposite effect when applied to Mr. John Clark's Latin Hexameter Machine. As

A LATIN HEXAMETER MACHINE. - One John | millions of changes, such an occurrence is not likely to happen. Moreover, though the visible chanical movements, the conception of it is not mechanical, but "essentially an imagination only, partaking somewhat of the nature of an arithmetical infinite series." Each verse is conceived at the precise moment of time when its corresponding geometrical figure is produced by the Kaleidoscope in the machine; every identical verse with its corresponding figure, and every figure with its corresponding verse. Nor can it by any possibility be otherwise. So much for a machine ;-it being much more practicable to I have said, I do not see its immediate utility;

# COMPUTER POETRY BEFORE THE ERA OF NEURAL NETWORKS



Zuse "Z22"

### "stochastic texts" by Theo Lutz

NICHT JEDER BLICK IST NAH. KEIN DORF IST SPÄT.

EIN SCHLOSS IST FREI UND JEDER BAUER IST FERN.

JEDER FREMDE IST FERN. EIN TAG IST SPÄT.

JEDES HAUS IST DUNKEL. EIN AUGE IST TIEF.

NICHT JEDES SCHLOSS IST ALT. JEDER TAG IST ALT.

#### Owr translation

NOT EVERY GLANCE IS NEAR. NO VILLAGE IS LATE.

A CASTLE IS FREE AND EVERY FARMER IS FAR AWAY.

EVERY STRANGER IS FAR AWAY. A DAY IS LATE.

EVERY HOUSE IS DARK. ONE EYE IS DEEP.

NOT EVERY CASTLE IS OLD. EVERY DAY IS OLD.

### Mistero dell'ascensore

Mentre la moltitudine delle cose accade nell'accecante globo di fuoco, esse tornano tutte alla loro radice, si espandono rapidamente, finché non mosse le dita lentamente quando raggiunse la stratosfera e giacque immobile senza parlare, trenta volte più luminoso del sole, cercando di afferrare.

### English translation

While the multitude of things comes into being in the blinding fireball, they all return to their roots, they expand rapidly, until he moved his fingers slowly when it reached the stratosphere and lay motionless without speaking, thirty times

brighter than the sun endeavouring to grasp.

# APPLYING ARTIFICIAL NEURAL NETWORKS TO POETRY

### Natalia Azarova (b. 1951)

бор ёлки в воду бросил

сил держать верхушки нет

кинет дрожащих в озеро

зеро ребячьей ряби голосов свободно

дно тростником упало навзничь

ничь – я – не – потревожена – от – бором

Москва

21 ноября 2003

# Our rough translation

pinery threw the fir trees into the water

no strength to hold the tops

will throw the trembling ones into the lake

zero childish ripple of voices freely

the bottom like reed has fallen down

tie (I am) – not – disturbed – by se – lection (pinery)

### Generated poem

могу не озеро горизонта

синих глубок луг на бахли\* на стаю

болтлизись\*?

слежу ночи кораллов гадаю облаками

сэнимальной\* луна?

Ялта

19 сентября

### Our attempt at a rough translation

I cannot the lake of the horizon

blue deep meadow on bahli\* on a flock

boltlizised\*?

I watch the nights of the coral and guess the clouds

sanimated\* moon?

Yalta

19 September

## The second generated poem

Алот $^*$  — это —

их – раз – – –

день - страницы - **н-за**\*

не открывая-сознаний

Москва

9-20 февраля 2004

# Rough translation

9-20 February 2004

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Alot* – is – them – once – – – day – of the page ... n-za* of non revealing-consciousnesses
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