

AI Tasks and Quantum CPU.

2026/1/11,13

They tell quantum computers less comprehensible by describing them as a crucial and sublime technology. This is author's summary note on the kernels. Check it carefully.

[1]: Basic AI Tasks

- (1) **Desired Task Creation:** Question and Answer generation, images, blueprints, programs, etc.
- (2) All generated data of interest is expressed as **data vectors** and delivered to a specific **bit pattern of address**. Then similar data have near distance address.
- (3) **Conclusion Generation** = Determining the similarity between the creating vector and the **trial-and-error** generated data vector by the inner product.

The trial-and-error process begins by repeatedly testing the selected candidate data from the **generated data address** in the decision machine until the decision is satisfied.

(4) How to Quickly Reach Good Conclusion!!.

From large view point, good answer is quickly accessed by following methods..

(a) Quantum Interference method

<algorithm, not hardware>

Generate multiple opinions randomly in a target range, focus the less, but best candidates, once again generate multiple opinions in those, and repeat the process.

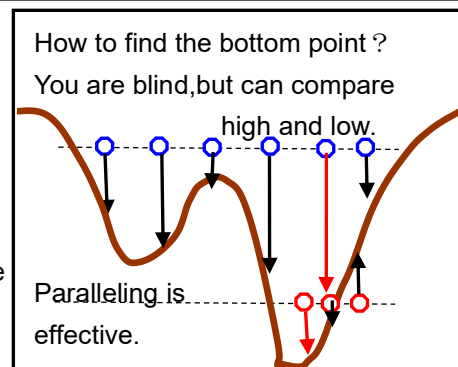
*Quantum has two face, parallel at once and random..

Qubits string generate such bit patterns for addressing.

(b) Classical Steepest Descent Method.

(c) By Machine learning, initial access point is selected for quick and good answer.

(d) A normal search is a sweep search of the entire area, which takes time. The fastest method is a parallel search of the entire area, but this is not possible, so we randomize the division positions of multiple sections, select multiple promising candidates to narrow the search area, and repeat the process.



[2]: Quantum <paralleling> CPU.

(1) **At Once Quick Calculation by paralleling the process** <quantum superposition>

(2) Why are **Quantum Bits** Strings <hardware> important?.. Parallel at once
Generating data addresses with coherent randomness (0,1 probability=1/2).

Previously, searches required sequential address generation for data acquisition in time-consuming.

(3) **quantum entanglement** <hardware>

±symmetric matters form **quantum dipole chain** of finite length.

[3]: Superconducting Quantum Bit.

https://en.wikipedia.org/wiki/Superconducting_quantum_computing

(1) LC-circuit-like oscillating current:

External magnetic field excitation initiates current.

A potential difference is created across a portion of the ring (**the insulator capacitance**).

When this occurs, a current-stopping force halts the flow, resulting in charge accumulation. Back electromotive force is generated, initiating ultra-high-frequency oscillation. <Origin of unit qubit>

*Damped oscillation due to dielectric loss. External excitation is applied at any time.

(2) Binary "1" and "0" phase of oscillating current = {Clockwise rotation, CC rotation}

reflects the surrounding macroscopic magnetic field and can be read. This can be considered a superposition of two distinct eigenstates.

(3) the circuit is symmetric, producing **equal-probability bit**, for calculations.

(4) Large IC implementation by Flip-Flop Arrays with Oscillators :

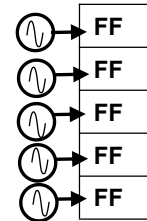
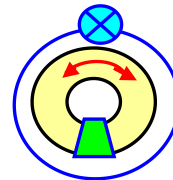
A fixed-frequency with independent random-phase oscillator circuits converts Flip Flop bit string into a toggling superconducting quantum bits equivalent.

This is an author opinion and question for you ,what is wrong for paralleling process ??

*The final results of quantum bits is data addressing for calculation process.

They tell **exact controlling of large scale quantum bits** is very hard.

Then what is wrong in employing semi-deterministic bits??.



APPENDIX 2: **The Awful Jobs invading by AI & The Income Redistribution Problem.**

(1) **The tremendous pain of finding a job and the fear of ruining one's life.**
The Musical Chairs Economy: When You Can't Find A Job No Matter How Hard You Try, It Can Be Absolutely Soul Crushing

<https://theeconomiccollapseblog.com/the-musical-chairs-economy-when-you-cant-find-a-job-no-matter-how-hard-you-try-it-can-be-absolutely-soul-crushing/>

(2) **The way things should be is for **machines** to do the hard work and produce and supply goods and income to make people's lives easier.**

(3) **The enormous widening income gap in the recent years in the world**

Concentration of Wealth at the Top: The richest 10% of the global population currently takes in over half (52%) of the total income and owns **76% of all wealth**, while the poorest half earns just 8% of the income and owns only **2%** of the wealth.

So far Author has been surveying in the world, people has become egocentric without strong tie with many neighbor to have faced hell. Make circle to discuss about the facts toward searching action for solution.

Quantum Revolution AI to BI !!!

=Larger Paralleling(=Solidarity)Make Us Stronger !!!.

(4) **Basic Income** and **Taxation on profits by machines.**

“Most of people tell A Tax must be paid by who have”

The time has come for quickly establishing Basic Income for all the people.

It is entirely lie that BI needs BIG TAXATION, because Employers can reduce employees' salaries by the amount of BI provided, employees' salaries are invariant. **The substantial necessity is cost for Jobless people by tax.** While the machines without livelihood are increasing income.

http://www.777true.net/the-convergence-to-genuine_J96-BASIC-INCOME.pdf

**APPENDIX2 : Superconducting by Macro-Scopic Cooper Pair Array。
Formation of macroscopic Cuper pair spin-aligned currents in an
ultralow-temperature adiabatic potential bottom.**

Electrical power loss in the transmission line is very high cost.Electrical power business
entirely search higher temperature of low cost materials.

(1) The magnetic spin coupling force between electrons (Cuper pairing) is stronger than the
repulsion of the charges.

<http://www.777true.net/SIN-SPIN-BONDING-interaction-is-stronger-than-that-of-same-charge-in-10%E-7m.PART-1.pdf>

(2)Lattice vibrations in high-temperature superconducting material structures do not destroy
the macroscopic alignment of Couper pairs even at high temperatures.

<http://www.777true.net/Super-Conductivity-the-Critical-Temperatur-&-Cooper-Current-Dipole-model.pdf>

(3)Macroscopic alignment automatically becomes macroscopic current, so if you make it a
ring, it becomes a permanent direct current.It is a synthesis of aligned electron spin
currents, and is not a spatially moving current originating electrical resistance!!

Macroscopic alignment is realized as a stable state with the minimum energy of the
electron group in lower temperature of special matters .

(2)通常電流(電界 drift 電流) vs 超電導(spin 駆動)電流<< Cooper 対電流トンネル模型>>

格子熱揺動 抵抗
電界 E
電子 spin 磁気 moment
電子自転電流密度
Cooper 対電流トンネル模型
整列電子 Cooper 対電流(無抵抗)
*電子に代わって hole 電流もある

(3)マイスナー効果=超伝導体内部磁界0(M 断面)から推定される spin 配置の一般論。
次直流静磁界電流の Maxwell 方程式は電磁場第一原理、これに全てがあるだろう。
 $\text{curl}H = j_s \Rightarrow$ 網目円環磁界流が面垂直電流を形成 $\oint dS \cdot j = \oint dS \cdot \text{curl}H = \oint ds \cdot H$

円周線以外は逆向き磁界間で相殺、
網目一個は全同一回転方向-円周磁界、面垂直に
● 電流線 がドサーと並ぶ。だから上記の原理 spin 配置になる結晶分子設計が仕事になる
<http://www.777true.net/QED1.pdf>
P5 参照、
磁界
電子 spin 電流

<http://www.777true.net/Super-Conductivity-the-Meisner-Zero-Magnetism-with-the-uniform-Current-Density.pdf>

PS:Quantum **superposition problem**<something parallel actions> once became
famous by Schrödinger's cat problem,now it has become serious business one.

https://en.wikipedia.org/wiki/Schr%C3%B6dinger%27s_cat

While my family cat is illegally imprisoned by evil will of CIA-Military(of D.Trump presidency)
in Japan.Please release to lonely author !!.