Chaotic-hierarchical computation from neural processing using superconducting qubits (SQ) reveals coherent magnetic nanomaterials

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Abstract

An important limitation of the conventional logic style is that Boolean processing is subject to restrictions imposed by the possible physical size of the processing elements or gates (Fig. 1). This style of processing always takes place at the lowest organizational level (Fig.2), with no access to the next level, i.e., in a conventional computer there is no hierarchy at all. Nanotechnology is responsible for solving this type of problem, since the available processing capacity is eventually restricted. Therefore, by using chaotic computing from a hierarchical structure that models neural processing, we will be able to link a quantum-logical mode of operation by itself, coupled with the use of an architecture based on superconducting qubits (SQ) that reveal an electronic nanomaterial. This style of emergence or "leapfrogging" represents efficient and functional processing where the different levels appear to be formulated as a hierarchy presenting different modes of characterization. The development of a fundamentally chaotic-hierarchical processor itself, which can operate between the classical-quantum limit with maximal coherence, is the direct linkage of the field of neural processing with SQ simulations, so that they achieve quantum oscillations with higher amplitude and 75% quantum yield.

Image

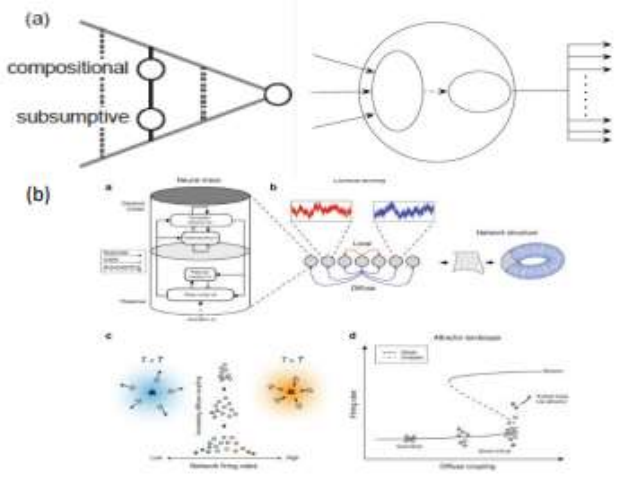


Figura 3: El procesamiento neuronal tiene lugar dentro de una estructura jerárquica, donde a) Estructura jerárquica mixta y b) Acoplamiento neural de procesamiento de información.

Recent Publications

1. Manzo, L. (2022). Vibrational Origin of Species. Biology SJ. TheGeneralScience 1916-5382
2. Manzo, L. (2021). Nanoelectronics in the development of quantum devices. Nanodevices 13-4529.
3. Manzo, L. (2020). Vibrational Genetic Code. DNA Sub-codes. Biosystems. 16-890. Available on RG.
4. Manzo, L. (2020). Restorative Vibration. DNA restructuring. Preprint Arxiv. UNAM.
5. Manzo, L. (2019). Toroidal flux: Neutral center dynamics. Preprint on Complex Mathematics. 18-9878.

Biography

Mr Luis Manzo has experience in hypothesis development, model building and technology team management. In the company he serves as director of R&D and is actively participating and researching in nanomaterials, acoustic and genetic sciences for the betterment of global society.

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Notes/Comments:

Love, science and peace.