

## ***Quantum Neural Networks Embedded on a Block Chain for Rapid Adiabatic Transport of Qubits***

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**Abstract** We propose a formal theory of quantum neural networks as a means for their embedding into a block chain. Graph theory, quantum field theory, a roll of a die, and some luck allows us to show that a qubit distributed across the network can undergo rapid adiabatic transport between eigenstates. Discussions pertaining to this system as the one and only (OaO) quantum computing architecture are discussed.

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### **Acknowledgments**

**2010 Mathematics Subject Classification:** Primary X001, Y002; Secondary Z003  
**Keywords:** typesetting, guide for authors

We are grateful to all authors, of every scientific article, past and present.

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