

Physical Realization



physical realization

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Physical Realization

"Physical realization" can be taken many ways and most of the time it is being used here in very peculiar ones. Likewise for many other words, and we saw these tricks and dissected them in great detail beginning mainly in the Blue and Brown Books and continuing for the next 20 years.

Amazon.com: Physical Realization (9780199571550): Sydney ...

Finally, in chapter six, he addresses certain issues concerning the physical realization of qualia. The book also contains a short, yet illuminating appendix on Shoemaker's well known causal theory of properties (CTP) -- the theory that properties have their causal profiles essentially.

Physical Realization // Notre Dame Philosophical Reviews ...

Abstract. In such a world, the instantiation of these properties must be 'realized in' something physical. One sort of realization is property realization, where the instantiation of the realized property is realized in the instantiation of some physical property — when a property is 'multiply realized', different instantiations...

Physical Realization - Oxford Scholarship

The big concern of quantum information science is the physical realization of the qubits and quantum gates—the building blocks of any quantum information system—this being the essential prerequisite for transforming the possible into the real. It is here that quantum optics has a big role to play.

physical realization - an overview | ScienceDirect Topics

In Physical Realization, Sydney Shoemaker considers the question of how physicalism can be true: how can all facts about the world, including mental ones, be constituted by facts about the distribution in the world of physical properties? Physicalism requires that the mental properties of a person are "realized in" the physical properties of that person, and that all inst

Physical Realization by Sydney Shoemaker - Goodreads

Similarly, realization physicalism, when explicated in terms of the popular "subset view" of realization, requires that realized and realizer properties be instantiated in the same physical ...

Physical Realization - researchgate.net

15. Physical Realization¶ This chapter provides information useful for physically realizing the BOOM processor. Although BOOM VLSI work is very preliminary, it has been synthesized at 1 GHz on a high-end mobile 28 nm process.

15. Physical Realization — RISC-V-BOOM documentation

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Physical Realization - Paperback - Sydney Shoemaker ...

This work-in-progress paper consists of four points which relate to the foundations and physical realization of quantum computing. The first point is that the qubit cannot be taken as the basic unit for quantum computing, because not every superposition of bit-strings of length n can be factored into a string of n -qubits.

Search results for `physical realization` - PhilPapers

Questions tagged [physical-realization] Ask Question For questions about practical computers or processors that run on a quantum architecture. This is for questions about the machines themselves, not just any computing that could take place on one. DO NOT use this tag for questions about simulation or emulation of quantum computers, or cloud ...

Newest 'physical-realization' Questions - Quantum ...

PDF | The concept of a physical realization of a computational system is one of the key notions of both functionalism and the symbolic approach to cognitive science or AI. Notwithstanding a ...

What is a Physical Realization of a Computational System?

Physical realization of topological quantum walks on IBM-Q and beyond Radhakrishnan Balu,^{1,2}, Daniel Castillo, ³, and George Siopsis ^z ¹Computer and Information Sciences Directorate, Army Research Laboratory, Adelphi, MD 21005-5069. ²Computer Science and Electrical Engineering, University of Maryland Baltimore County, 1000 Hilltop Circle, Baltimore, MD 21250.x

Physical realization of topological quantum walks on IBM-Q ...

Get this from a library! Physical realization. [Sydney Shoemaker] -- "In Physical Realization, Sydney Shoemaker considers the question of how physicalism can be true: how can all facts about the world, including mental ones, be constituted by facts about the ...

Physical realization (Book, 2007) [WorldCat.org]

If a control qubit is in superposition, how it will affect target qubit if it is collapsed or in superposition? Is it true that CNOT works only if the control bit collapsed to 1? Also, is it possi...

physical realization - CNOT gate - control qubit is in ...

The first QKD system was a research platform built in 1989 by Bennett and Brassard to produce a physical realization of their QKD theory [10]. This system, built at IBM's Thomas J. Watson research center, was the first system to deal with the issues posed by non-ideal hardware as opposed to the perfect hardware envisioned in QKD theory.

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