

quantum fields and processes pdf

In theoretical physics, quantum field theory (QFT) is a theoretical framework that combines classical field theory, special relativity, and quantum mechanics: xi and is used to construct physical models of subatomic particles (in particle physics) and quasiparticles (in condensed matter physics).. QFT treats particles as excited states (also called quanta) of their underlying fields, which are ...

Quantum field theory - Wikipedia

The quantum mind or quantum consciousness group of hypotheses propose that classical mechanics cannot explain consciousness.It posits that quantum mechanical phenomena, such as quantum entanglement and superposition, may play an important part in the brain's function and could contribute to form the basis of an explanation of consciousness.. Hypotheses have been proposed about ways for quantum ...

Quantum mind - Wikipedia

Page 1 of 6 pages The Soul and Quantum Physics In Experiencing the Soul: Before Birth, During Life, After Death.Edited by Eliot Jay Rosen. Carlsbad, CA: Hays House, 1998, pp. 245-252. An interview with Dr. Fred Alan Wolf

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Quantum Physics authors/titles "new" - arXiv

The nature of consciousness, the mechanism by which it occurs in the brain, and its ultimate place in the universe are unknown. We proposed in the mid 1990's that consciousness depends on biologically "orchestrated" coherent quantum processes in collections of microtubules within brain neurons, that these quantum processes correlate with, and regulate, neuronal synaptic and membrane ...

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