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What are some prominent features of Quantum mechanics which are known today but were not known about 40 years back in 1984 and are thus not discussed in this lecture?

Justify your answer with reasons.

Quantum mechanics is the branch of physics that deals with behaviours of matter and light on particle. It attempts to describe that atom consist of electron, proton, neutron, etc. They have specific properties. The interaction of particle with each another and its corresponding radiation studies in quantum mechanics. The lecture given by Victor Weisskopf it divided into four sections. The first part describes the pre-quantum situation the 2nd part deals with the meaning of wave particle duality the third indicates how these ideas help to explain many important natural phenomenon that were not previously understood and the fourth is summary of what this duality means for our understanding of the natural world. Those things are discussed in the lecture by Weisskopf.

The things of quantum mechanics discovered after 1980 are bizarre phenomenon that explain other even if separated by billions of light and the basic idea was proved in 2015. The new thing known as quantum process. Another thing in quantum

process. Another thing in quantum mechanics such as loop quantum gravity was discovered by John-
Baez He work on application of higher categories to physics such as carbordism hypothesis

Discoveries in quantum mechanism after 1980

Year	Discovery.
2015	Quantum cosmology by Baywood
2019	Quantum entanglement by Bulb
2020	Quantum computation and Quantum information by Michael.

These all consist in Quantum mechanism the things like loop quantum number theory, Entropy in quantum circuits quantum algorithms are explain.