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xi but not general relativity's description of gravity. QFT is used in particle physics to construct physical models of subatomic particles and in condensed matter physics to construct models of quasiparticles.

Quantum field theory - Wikipedia

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Quantum Field Theory. First published Thu Jun 22, 2006; substantive revision Mon Aug 10, 2020. Quantum Field Theory (QFT) is the mathematical and conceptual framework for contemporary elementary particle physics. It is also a

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framework used in other areas of theoretical physics, such as condensed matter physics and statistical mechanics.

Quantum Field Theory (Stanford Encyclopedia of Philosophy)

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Page 34/34