

# 1 Intuitive Definition

What is a quantum field?

The following is a quantum field [\[MR25\]](#).

**Definition 1.1** (Quantum Field). A quantum field is...

**Theorem 1.1.** *A quantum field is...*

*Proof.* It is clear that...

□

## References

McSharry, Aidan M. and Harvey S. Reall. “On the third law of black hole mechanics for supersymmetric black holes”. In: (July 2025). arXiv: [2507.06870 \[gr-qc\]](#).