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- More than a collection of tools, QI provides an **operational way** of thinking: What and how information can be obtained from a system, and how is that information processed?
- Due to the axiomatic nature, it provides a methodology for extrapolating beyond experimentally tested regimes; It helps us to **identify the limits of the fundamental principles** from GR and QM, and explore in what ways a more fundamental theory may depart from them.

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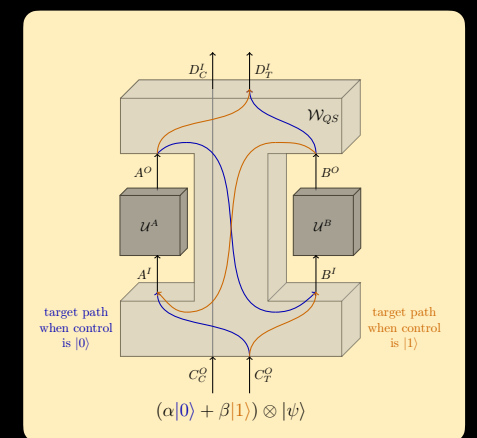
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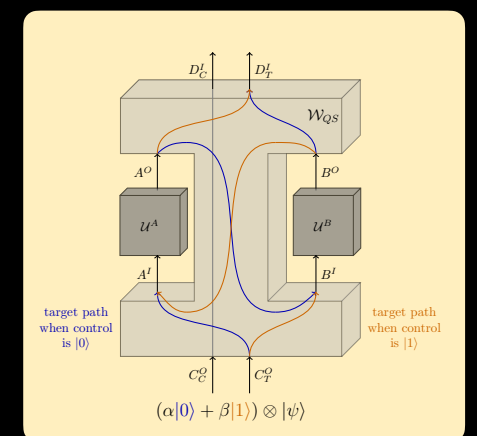
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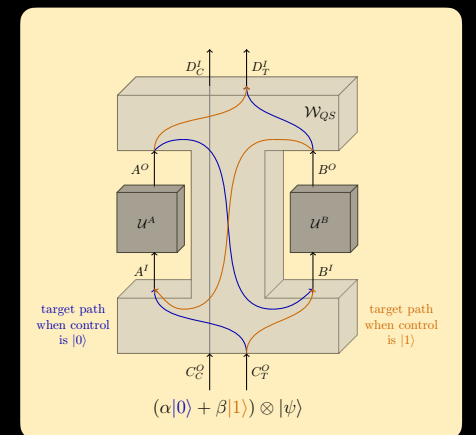
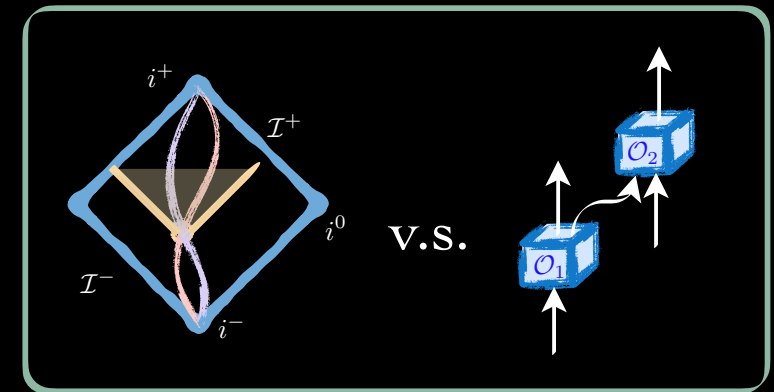
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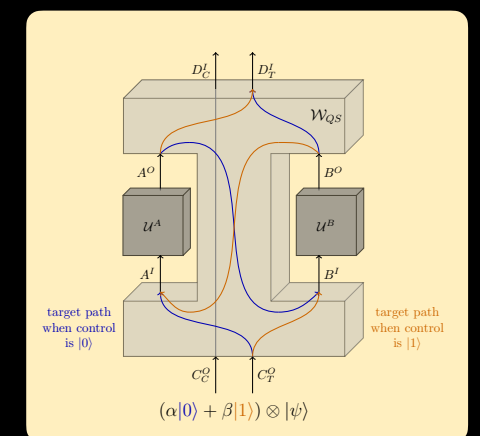
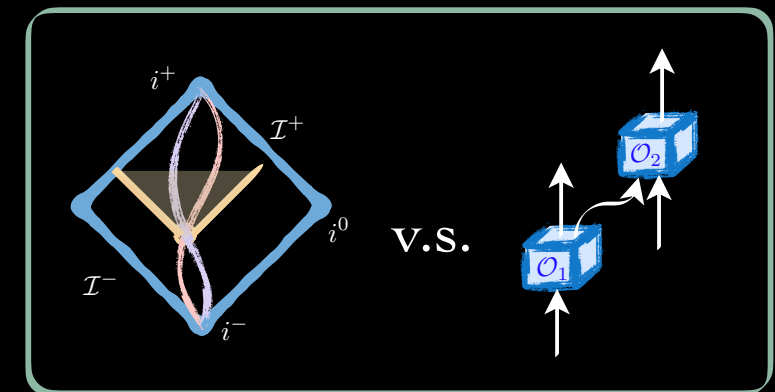
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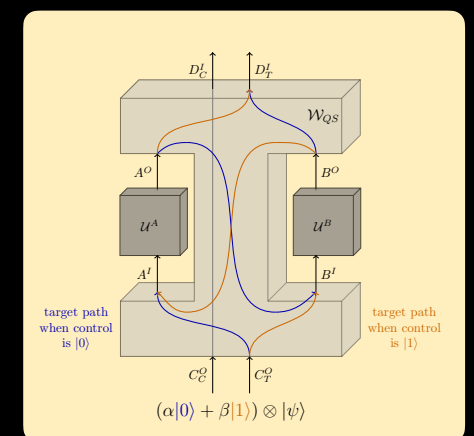
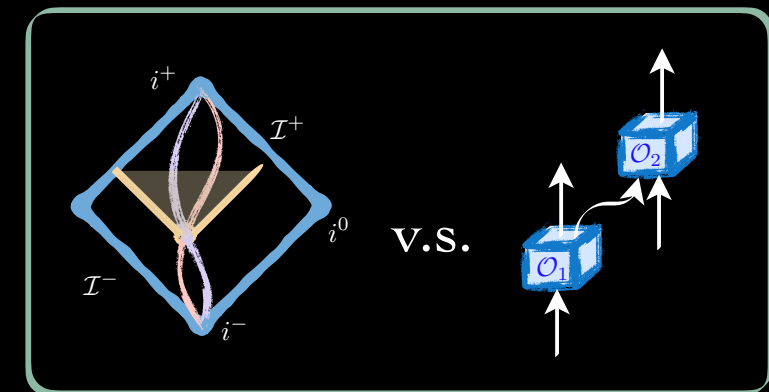
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- Agents and observer's role in QG. e.g. how to formulate **interventions**?
Wigner's friends, inter-objectivity.



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