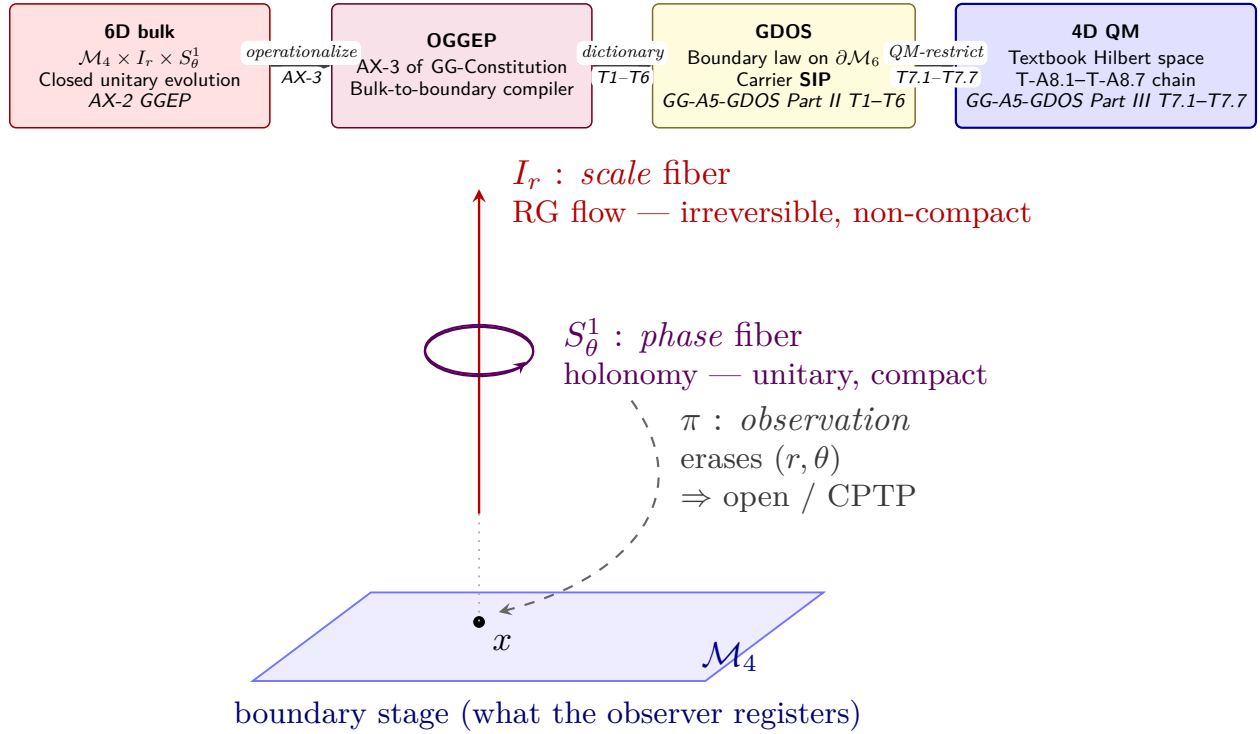


Quantum Mechanics Is Not Assumed Here. It Is the Last Stage of a Four-Stage Chain



What is claimed. Read left to right: the closed unitary dynamics of the 6D geometry, compiled by OGGEF into the boundary algebra of GDOS, restricted to the quantum-relevant sector, and landing on the textbook Hilbert space a laboratory observer measures. The postulates of quantum mechanics are not inputs at any stage of that chain; they come out of the last one. Six GDOS theorems build the boundary algebra and seven more restrict it, and every worked example in Parts V–IX is this one chain run on a specific apparatus. In full: Figure 4, p. 69. **And why the chain cannot be run backwards.** The lower plate is the projection itself. Over each boundary point sits the non-spatial fiber: a compact phase circle carrying the coherent, unitary content of quantum mechanics, and a non-compact scale interval carrying the irreversible, open content. Neither coordinate is spatial, so no boundary protocol resolves them; every registration marginalizes the fiber, the projection is non-invertible, and the boundary dynamics is necessarily open. Unitary closure is the unreachable limit in which the fiber is not coarse-grained. In full: Figure 5, p. 71.