

Rovelli Replies: I have nothing to object to in Landsman's above Comment [1], and this is not the appropriate place for a discussion of the merits of Landsman's interesting way of treating constrained systems. However, I wish to point out that the key result presented in [2] is not the characterization of the physical Hilbert space mentioned by Landsman in the above Comment. Rather, the key result of [2] is the derivation of the explicit form of the "complete" gauge transformations, Eq. (2). The complete gauge transformations relate distinct unconstrained states that are projected onto the same physical state.

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- [1] N. P. Landsman, preceding Comment, Phys. Rev. Lett. **83**, 1070 (1999).
- [2] C. Rovelli, Phys. Rev. Lett. **80**, 4613 (1998).