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A non-“evil” definition of dagger compact closed category?

In this talk, I will give a definition of *cyclic involutive monoidal category* and of *coherent family of Hermitian adjunctions* such that a cyclic (respectively: balanced, symmetric) involutive monoidal category together with a chosen coherent family of Hermitian adjunctions is “the same thing as” a dagger pivotal (respectively: tortile, compact closed) category.