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Non-invertible symmetries in Maxwell theory on non-spin manifold

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We consider non-invertible symmetries in Maxwell theories on a non-spin manifolds. Since line operators can be either bosonic or fermionic on such manifolds, three slightly different Maxwell theories without an anomaly can be formulated. We investigate the behaviors of these theories under gauging one-form symmetries, and construct non-invertible symmetries on these theories from half gauging.

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