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**Joshua Sussan\*** ([joshuasussan@gmail.com](mailto:joshuasussan@gmail.com)). *p-DG structures in higher representation theory*.

The study of p-DG algebras arises naturally when trying to categorify quantum groups at prime roots of unity. We will review this framework and construct some categorical representations for the case of  $\mathfrak{sl}(2)$ . (Received August 21, 2020)