

∞ -operads as analytic monads

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I will introduce the ∞ -categorical theory of polynomial and analytic monads. This was developed in joint work with David Gepner and Joachim Kock, where we also showed that analytic monads are equivalent to ∞ -operads in the form of dendroidal Segal spaces. I will also discuss some new results relating analytic monads directly to Lurie's model of ∞ -operads.