

1061-55-69

Jeffrey H Smith*, jhs@math.ubc.ca. *Beyond Operads.*

Operads provide a way of discussing homotopy theoretic analogues of many different discrete algebraic structures. However, more complicated algebraic structures, such as Hopf algebras, do not fit the language of operads. On the other hand, there where are examples where the use of operads to describe higher homotopies can be replaced by a rigid construction. I discuss examples of both. (Received April 03, 2010)