



Infinity Properads and Infinity Wheeled Properads

By Philip Hackney

Springer-Verlag GmbH Sep 2015, 2015. Taschenbuch. Book Condition: Neu. 23.5x15.5x cm. Neuware - The topic of this book sits at the interface of the theory of higher categories (in the guise of $(\mathcal{C}, \mathcal{L})$ -categories) and the theory of properads. Properads are devices more general than operads and enable one to encode bialgebraic, rather than just (co)algebraic, structures. The text extends both the Joyal-Lurie approach to higher categories and the Cisinski-Moerdijk-Weiss approach to higher operads, and provides a foundation for a broad study of the homotopy theory of properads. This work also serves as a complete guide to the generalised graphs which are pervasive in the study of operads and properads. A preliminary list of potential applications and extensions comprises the final chapter. Infinity Properads and Infinity Wheeled Properads is written for mathematicians in the fields of topology, algebra, category theory, and related areas. It is written roughly at the second year graduate level, and assumes a basic knowledge of category theory. 358 pp. Englisch.



READ ONLINE
[4.71 MB]

Reviews

Extensive guide for publication fans. It can be rally exciting through studying time. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Maurine Rohan**

It in a single of my personal favorite book. I really could comprehended almost everything using this composed e book. Your daily life period will be enhance the instant you complete reading this article pdf.

-- **Haskell Osinski**