This is a section-by-section list of all the major results, with their dependencies.

1. Introduction

Nothing to say here, I think.

2. Action operads

Definition. symmetric operad
Definition. non-symmetric operad
Definition. braided operad
Definition. operad map
Definition. action operad
Definition. map of action operads
Definition/Example. ribbon braids, and their (action) operad
Result (1). π is a map of operads. Dependency: defs
Result (2). Operads internal to groups are action operads. Dependency: (1)
Result (3). The kernel of an action operad is an action operad. Dependency: (1,2)
Result (4). The image, in Σ of an action operad is an action operad. Dependency: (1)
Result (5). A kernel/image short exact sequence. Dependency: (3,4)
Result (6). Some calculations with $e_i's$. Dependency: defs
Result (7). Some calculations with $\Lambda(0)$. Dependency: (6)
Result (8). The big β, δ theorem. Dependency: (1)
Result (9). π is zero or surjective. Dependency: (8)
Examples. Cyclic, reflexive, hyperoctahedral, alternating. Dependency: (8)
Definition. lfp stuff
Result (10). The category of action operads is lfp. Dependency: defs, external
Result (11). $U : \mathbf{AOp} \to \mathbf{Sets}/\mathcal{S}$ preserves limits and filtered colimits. Dependency: defs Note: seriously check proof
Result (12). $F : \mathbf{Sets}/\mathcal{S} \to \mathbf{AOp}$ left adjoint to U. Dependency: external
Definition. presentations for action operads Dependency: (12)

3. Operads with equivariance

Definition. Λ-operad
Definition. map of Λ-operads
Definition. category of Λ-operads
Result (13). Λ is a Λ-operad. Dependency: defs
Definition. algebra over a non-symmetric operad Note: delete?
Definition. algebra over a Λ-operad
Definition. category of algebras over a Λ-operad
Result (14). Endomorphism operad is a Λ-operad. Dependency: defs Note: should have independent endomorphism operad def beforehand, maybe rework all this stuff
Result (15). Change-of-operad functor. Dependency: defs
Result (16). Algebras are operad maps into endomorphisms operad. Dependency: (14)
Definition. monad associated to a Λ-operad
Result (17). Monad algebra category is operad algebra category. Dependency: defs
Result (18). Λ-algebras, as a Λ-operad, are monoids. Dependency: defs, maybe (16) Note: unclear hypotheses, should say in sets I think
Result (19). Three-part theorem about the adjunction between Λ- and Σ-operads and their categories of algebras. Dependency: defs Note: check proof

Definition. monad mapNote: some text after that needs to be in an environment
Definition. cocomplete SMC Note: no emph in def, is wrong
Result (19). Lax symmetric monoidal functors transport operads, with a comparison monad map. Dependency: FUTURE! Note: eep in general! where did we define the tensor product over a group notation?
Result (20). Operad maps induce monad maps. Dependency: stuff that isn't in an environment above Note: continued eep
Result (21). Combining to get an adjunction. Dependency: (19, 20) Note: continued eep
Definition. collections, maps, the category thereof
Definition. substitution product of collections
Result (22). Substitution product gives monoidal structure, and monoids are operads. Dependency: (19, 20)
Result (23). $B\Lambda$ is a strict monoidal category. Dependency: FUTURE! also (6)
Result (24). n-fold Day convolution is a functor $B\Lambda \to \mathbf{Sets}$. Dependency: (23)
Result (25). Substitution product as coend using Day convolution. Dependency: ?? Note: seriously check proof
Proof of (22). Dependency: (23,24,25) Note: seriously check proof