

Action operads comments to fix

1. INTRODUCTION

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2. ACTION OPERADS

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3. OPERADS IN THE CATEGORY OF CATEGORIES

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4. MONOIDAL STRUCTURES AND MULTICATEGORIES

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5. INVERTIBLE OBJECTS

- Decide on ELambda algebras or Lambda monoidal categories throughout
- Need 2-adjunction
- Change to equalizers
- Include notation for η as the unit here, use different notation for units elsewhere
- Change to $(LX)_{inv} = LX$
- Fix ()s
- Include triangle
- Explain purpose of corollary
- Move comment
- Uniform gp superscripts
- Remove actually
- Ref η
- Replace with is, remove parts
- Remove proof
- Fix paragraph; make clear we are determining composition
- Explain M strategy, include forward refs
- Fix ab superscripts, same as gp
- qi
- Under red line: move? make remark? delete some?
- New notation
- Where do we say this?
- Fix weakly invertible section

6. INVERTIBILITY AND GROUP ACTIONS

- Forward ref
- definition env
- missing ref
- little wording fixes
- change G to Lambda

- S vs Sigma for symmetric groups
- Think about free monoid lem again
- Fix triangle
- lots of notation issues (e, G, length bars)
- why splitting
- missing ref?
- splits by construction: hmm
- ref?
- for v , v' not delta of something
- why? comment
- minor wording
- inverses for morphisms under comp vs tensor
- missing ref?
- more G's (x2)
- another missing ref
- another G
- include corollary?
- forward refs
- not happy with last section
- practical?

7. COMPUTING AUTOMORPHISMS OF THE UNIT

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8. EXAMPLES

- Actually read this section, fix anything