Motivation

Typical Neural Representation

- Overfitted Representation → **High Fidelity**, No Generalization
- Generalized Representation → **Generalizable**, Low Fidelity

In Part-level Shape Editing

- Overfitted Representation → **Not Plausible Shape**
- Generalized Representation → Plausible Shape with **Low Fidelity**

Motivation

Problem Definition

Combine both overfitted representation and generalized representation to enable part-level editing

Key Technical Contribution

How to blend the weights between both representation for part-level editing.