

Latent Partition Implicit with Surface Codes for 3D Representation Chao Chen¹, Yu-Shen Liu¹, Zhizhong Han²

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Introduction

Background

represent a 3D shape as multiple parts. primitives directly in the spatial space. Issues

3D shape accurately.

Motivation

resolve this problem, we introduce a novel implicit *To representation to represent a single 3D shape as a set of parts in the latent space, towards both highly accurate and plausibly interpretable shape modeling.





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- *Implicit functions have been a popular representation for 3D objects or scenes. One drawback is that it is hard for them to
- *Current solutions learn various primitives and blend the
- *However, These solutions are still struggle to approximate the



