

NeRF Analogies: Example-Based Visual Attribute Transfer for NeRFs

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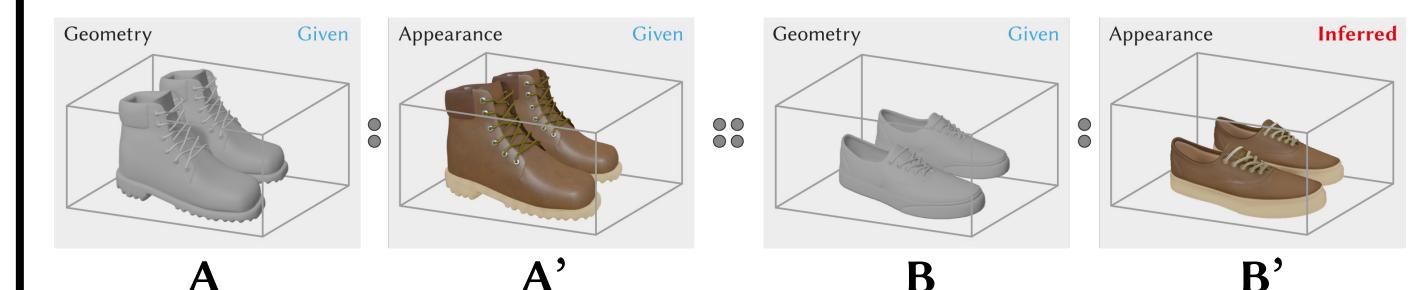
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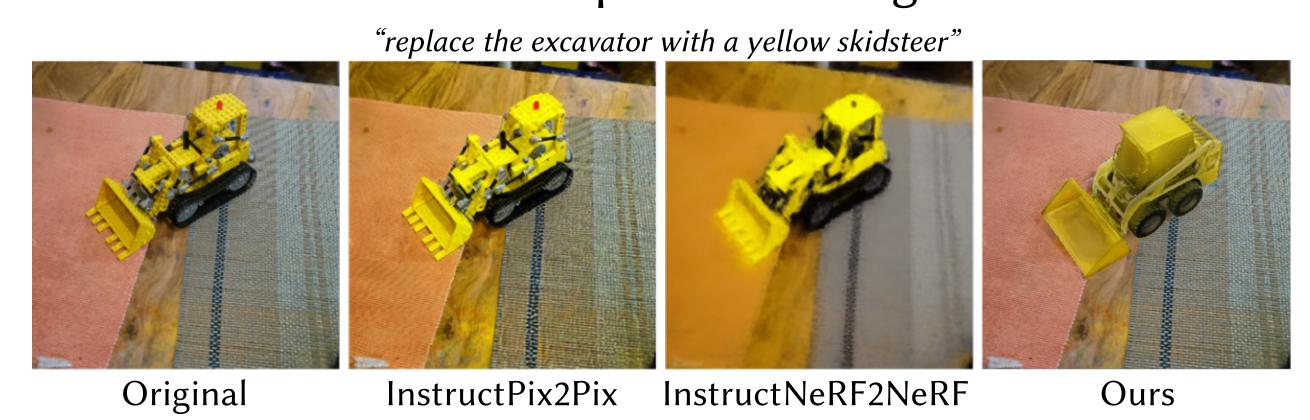
project page, code & 3D results

Motivation

- NeRF models geometry + appearance
- Task: combine source appearance with target geometry:
 - → appearance transfer in semantically related regions



- The resulting NeRF should satisfy the analogy A:A' :: B:B'
- Previous work: 2D not MVC, 3D methods...
- ... based on text: not expressive enough



... based on geometry:
non-automatic/-robust,
discontinuous, fixed topology, ...



