Multiscale Tensor Decomposition and Rendering Equation Encoding for View Synthesis
Supplemental Material

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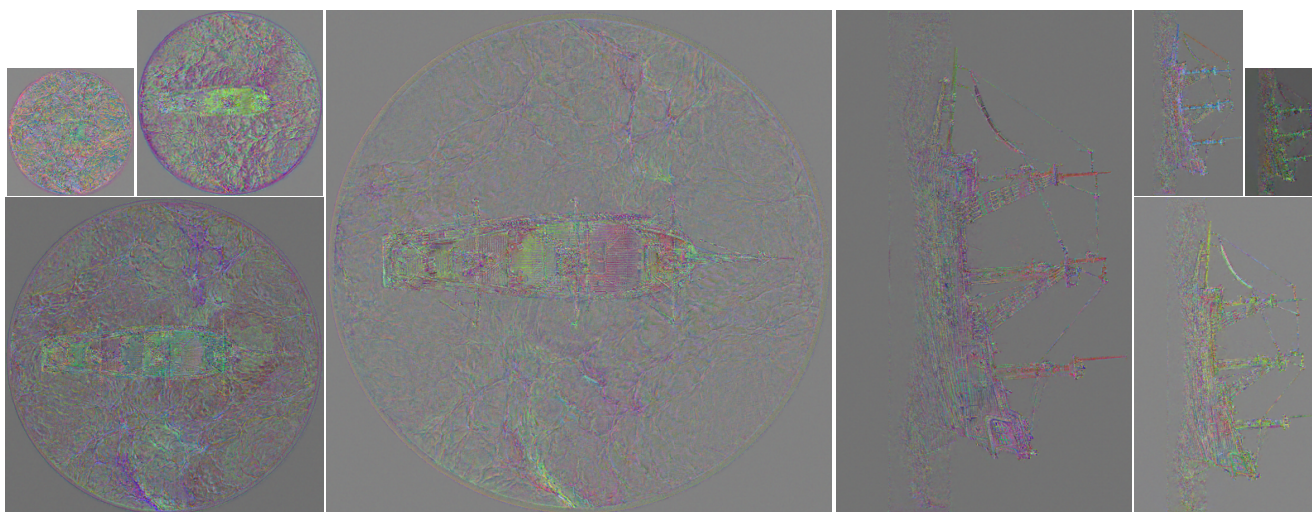La Trobe University
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Figure 1. Visualization of plane feature maps of different resolutions on the *ship* scene from the NeRF synthetic dataset. Coarse scene information is represented at low resolutions, while fine details are of high-resolution representations.
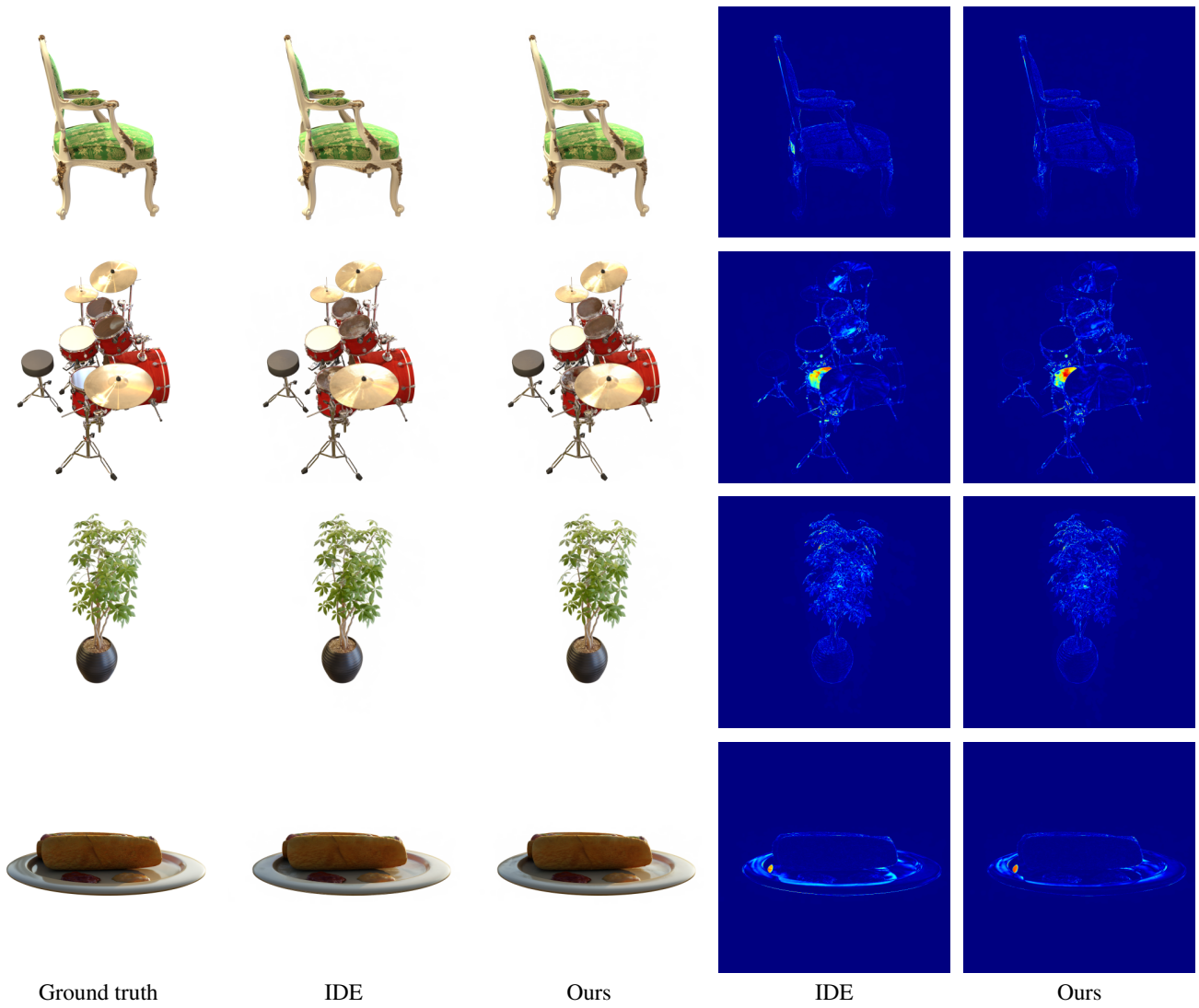
Figure 2. Visual comparison of two methods in modeling view-dependent effects. IDE is the integrated directional encoding (IDE) proposed in Ref-NeRF, while our results are from the proposed rendering equation encoding. For fair comparison, all components are fixed except for the methods used to model view-dependent effects. From top to bottom: *chair*, *drums*, *ficus* and *hotdog*.
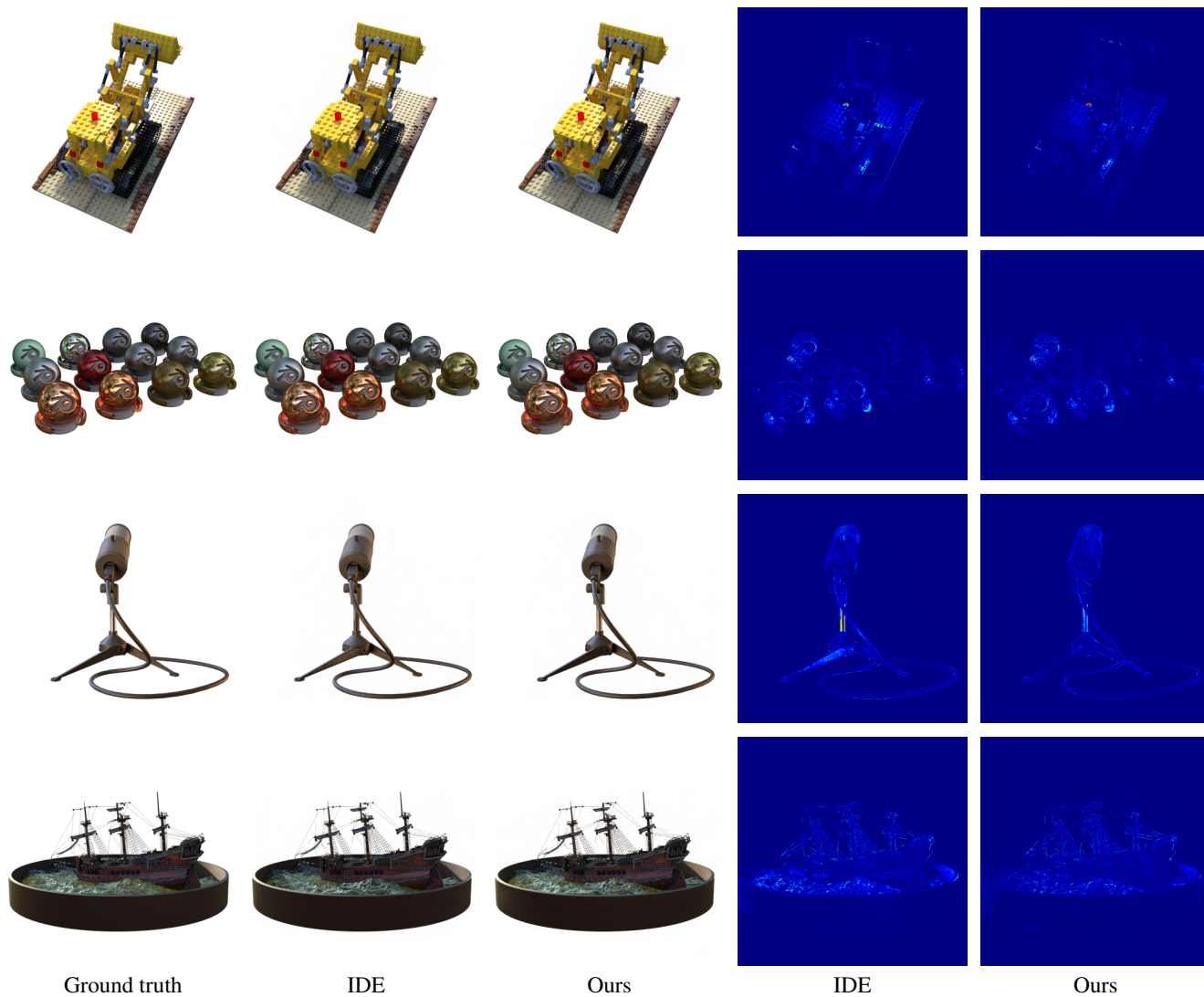
| Ground truth | IDE | Ours | IDE | Ours |

Figure 3. Visual comparison of two methods in modeling view-dependent effects. From top to bottom: *lego*, *materials*, *mic* and *ship*.