

Supplementary Material for ”Material Swapping for 3D Scenes using a Learnt Material Similarity Measure”

Maxine Perroni-Scharf¹, Kalyan Sunkavalli², Jonathan Eisenmann², Yannick Hold-Geoffroy²
¹Princeton University, ²Adobe Research

1. More Examples of Material Matches

We present the top five closest Adobe Substance Source material matches for all extracted scene materials from an input scene. On the following pages, each row contains six images. The leftmost image is the albedo map of an input material from the input scene, and the following five images are the albedo maps of the top five materials whose extracted features have the highest cosine similarity with the input material’s extracted features. The material features were extracted using our network as described in the Experiments section in the paper. We present these images as an extension to the smaller sample of material matches that is shown in Fig. 10 of our main paper.

Input

Five Closest Matches







