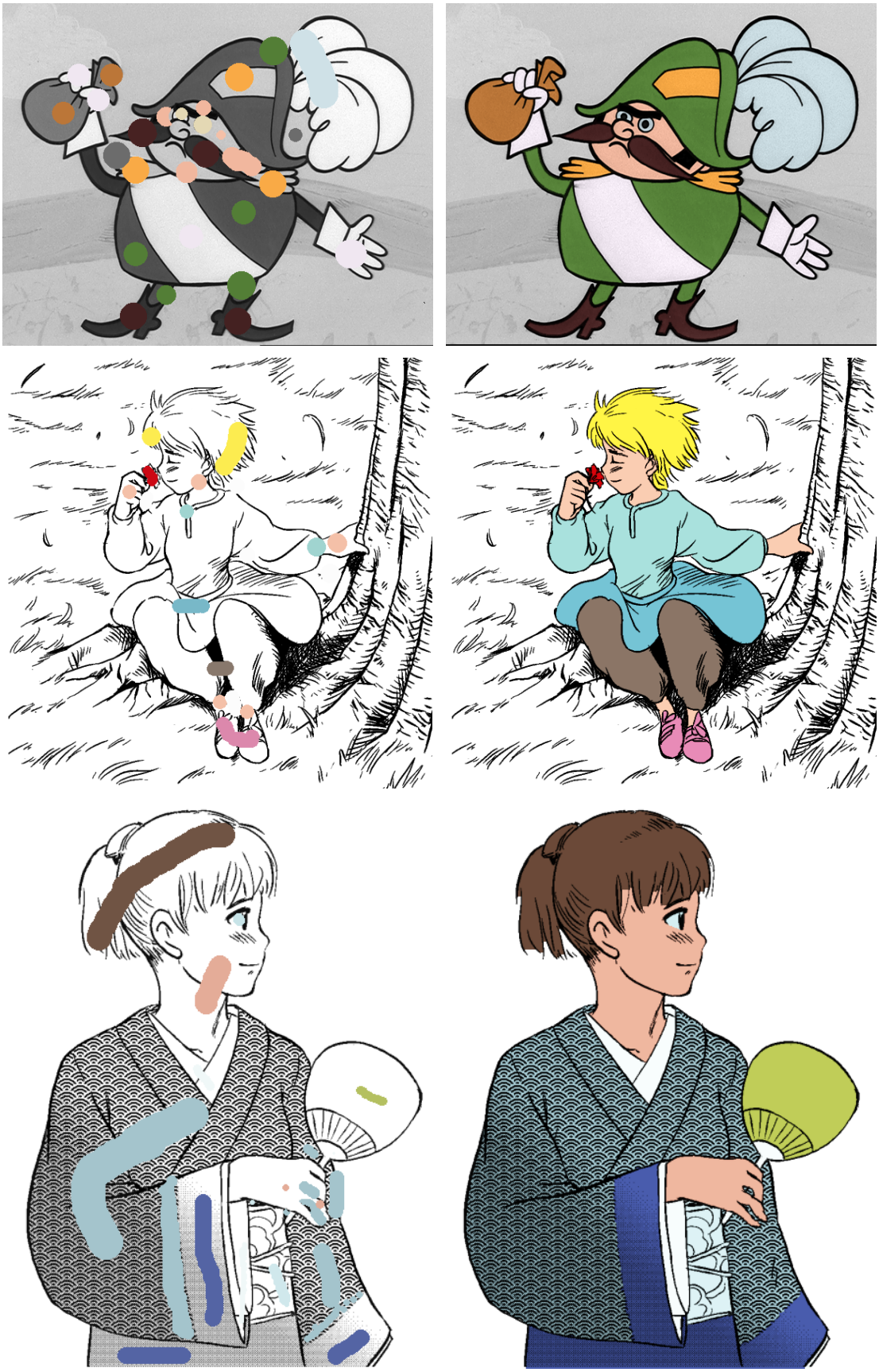
Manga colorization vs. LazyBrush

To reveal extremely tedious scribbling in the original manga colorization image (top left) we enhanced thin scribbles that are almost invisible in the original image.

Additional results

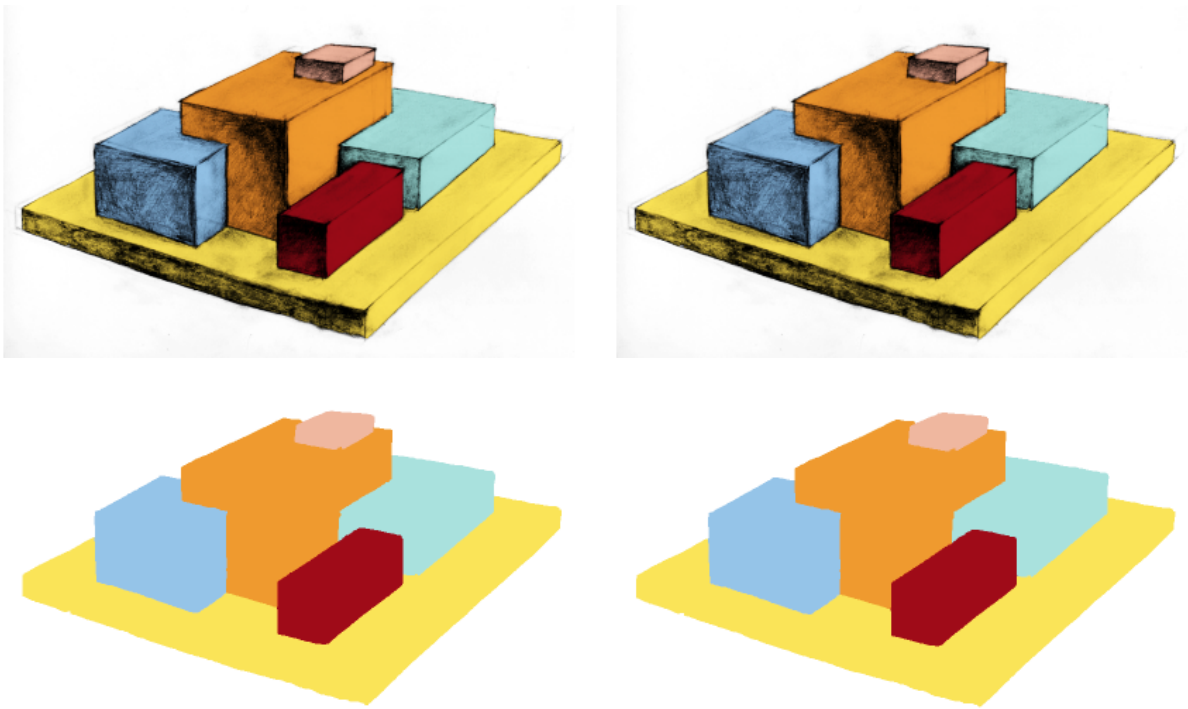
Additional results

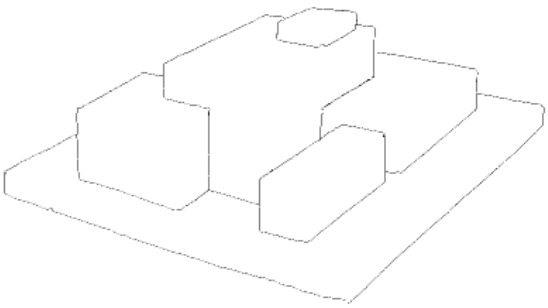


Labelling difference between α-expansion and our algorithm

Blocks (7 colors)

α-expansion **our algorithm (18x faster)**





labelling difference

Examples on the following pages show labelling differences for paintings listed in the Table 1.

Bottle (3 colors)

α-expansion **our algorithm (3x faster)**

labelling difference

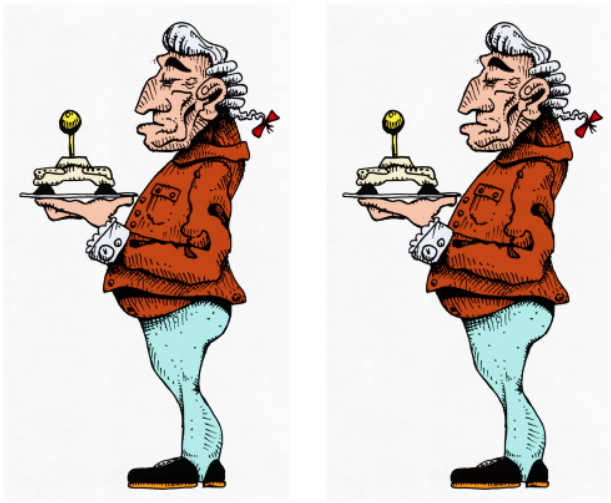
Robber (6 colors)

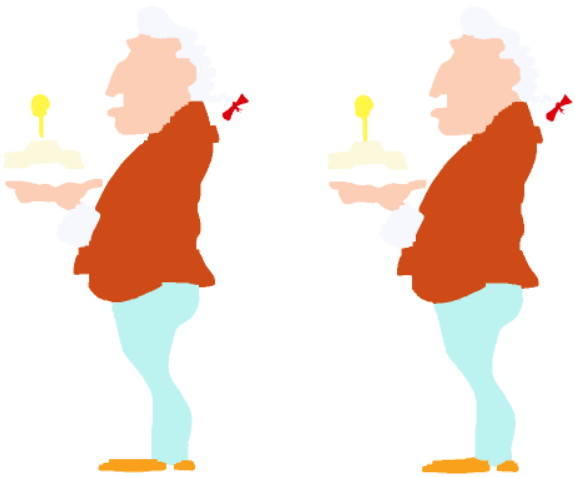
α-expansion **our algorithm (17x faster)**

labelling difference

Footman (9 colors)

α-expansion **our algorithm (9x faster)**

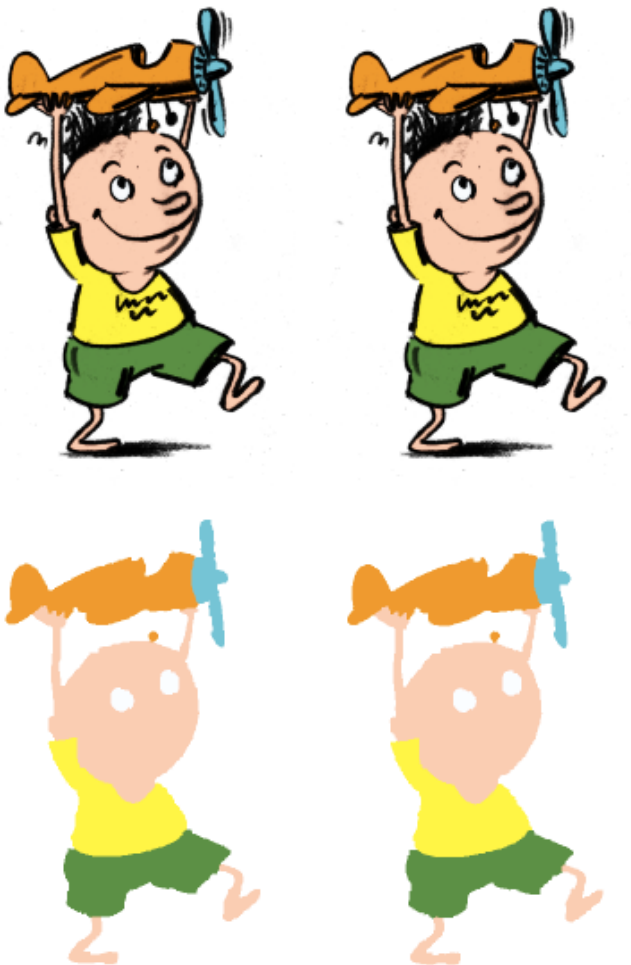




labelling difference

Boy (7 colors)

α-expansion **our algorithm (17x faster)**



labelling difference

Picnic (7 colors)

α-expansion **our algorithm (17x faster)**

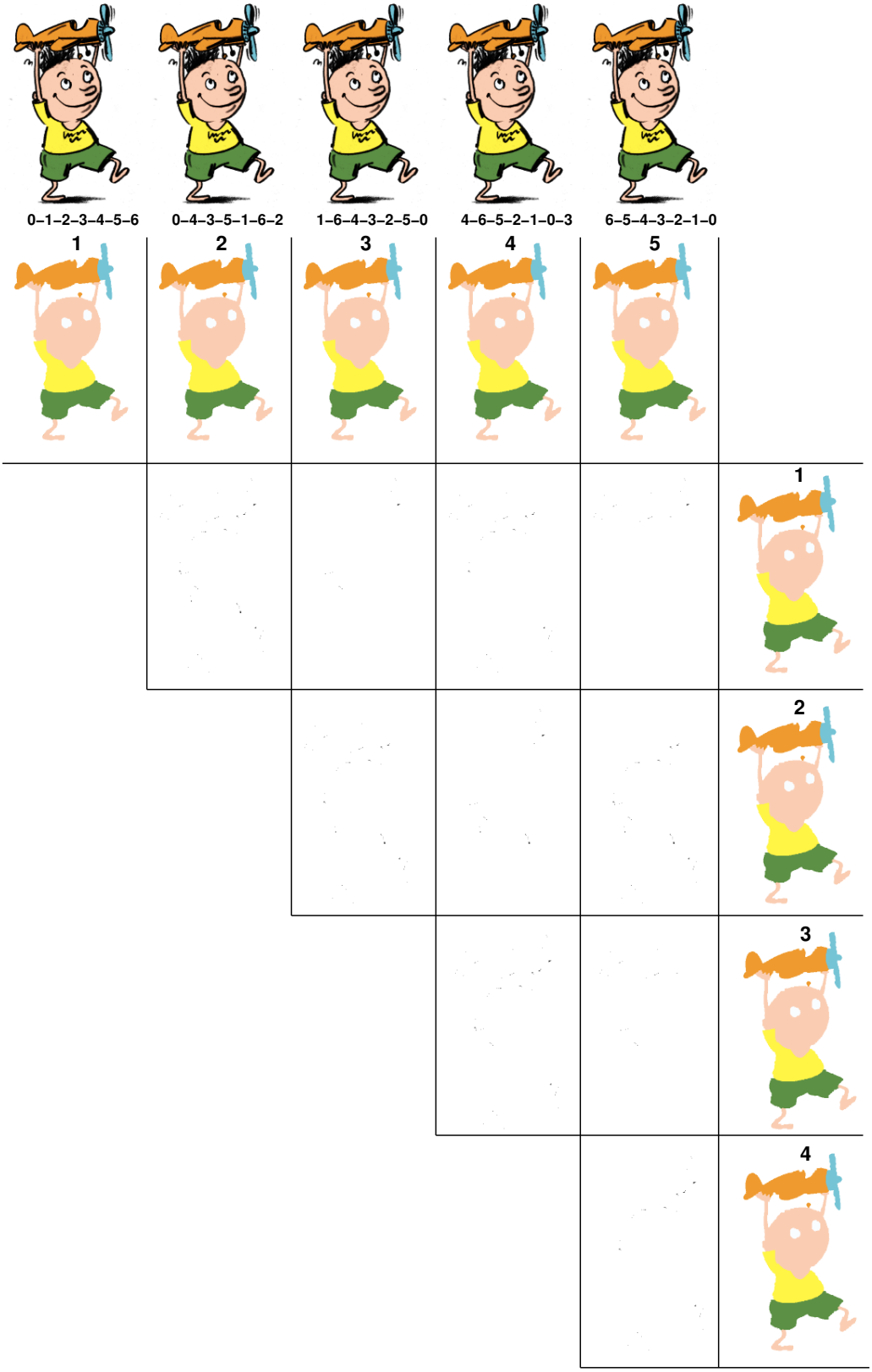
labelling difference

Manga (11 colors)

α-expansion **our algorithm (16x faster)**

labelling difference

Labelling difference when changing the order of color labels



This example demonstrates how sensitive is our greedy algorithm to the order of color labels (the difference is negligible except several rare ambiguities discussed in the paper).