

Image Melding supplementary results

Soheil Darabi¹, Eli Shechtman²,
Connelly Barnes², Dan B Goldman²,
Pradeep Sen¹

¹ UNM Advanced Graphics Lab, ² Adobe

Use (Page Up/Page Down) to toggle between images!

Single Image Completion



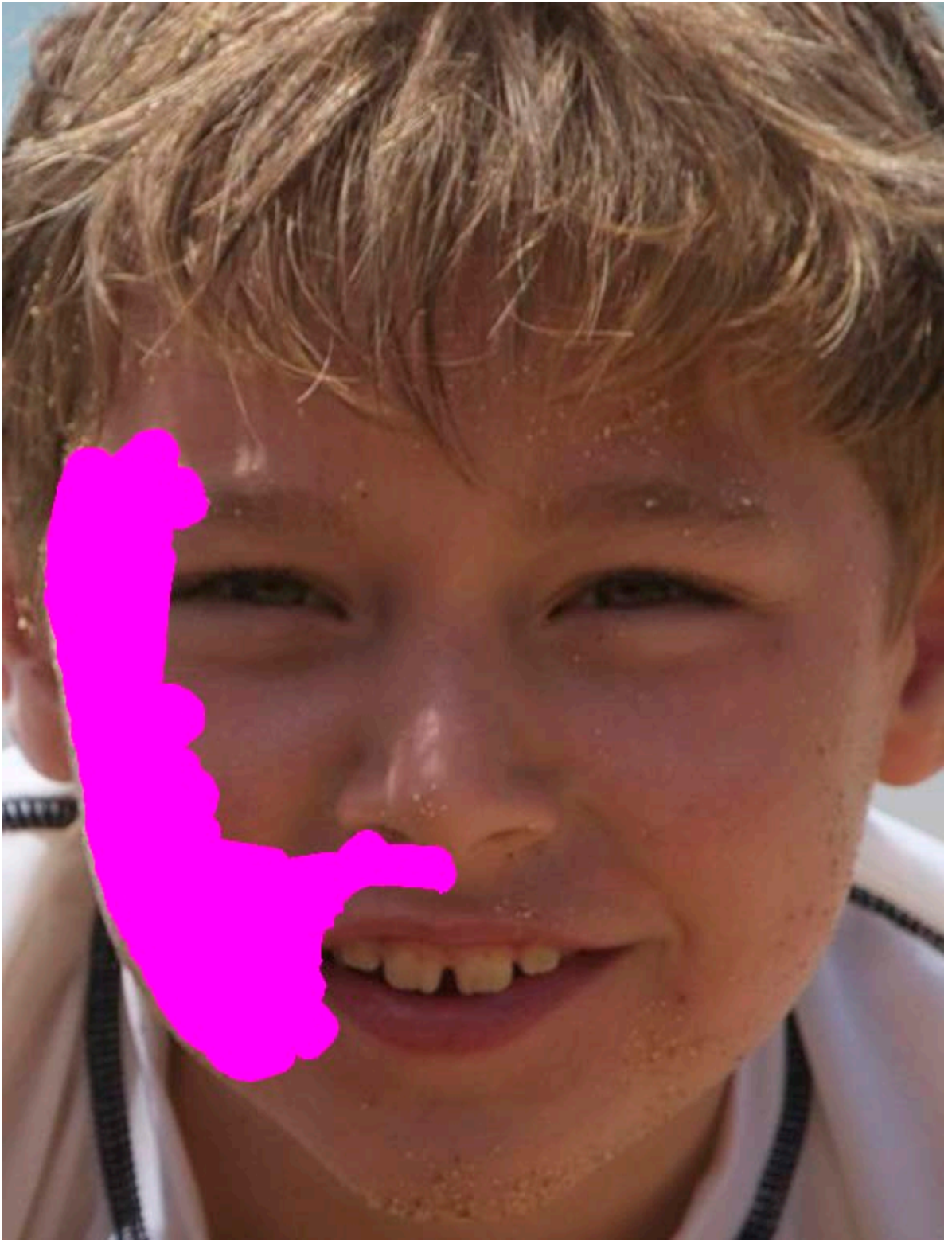
Mask



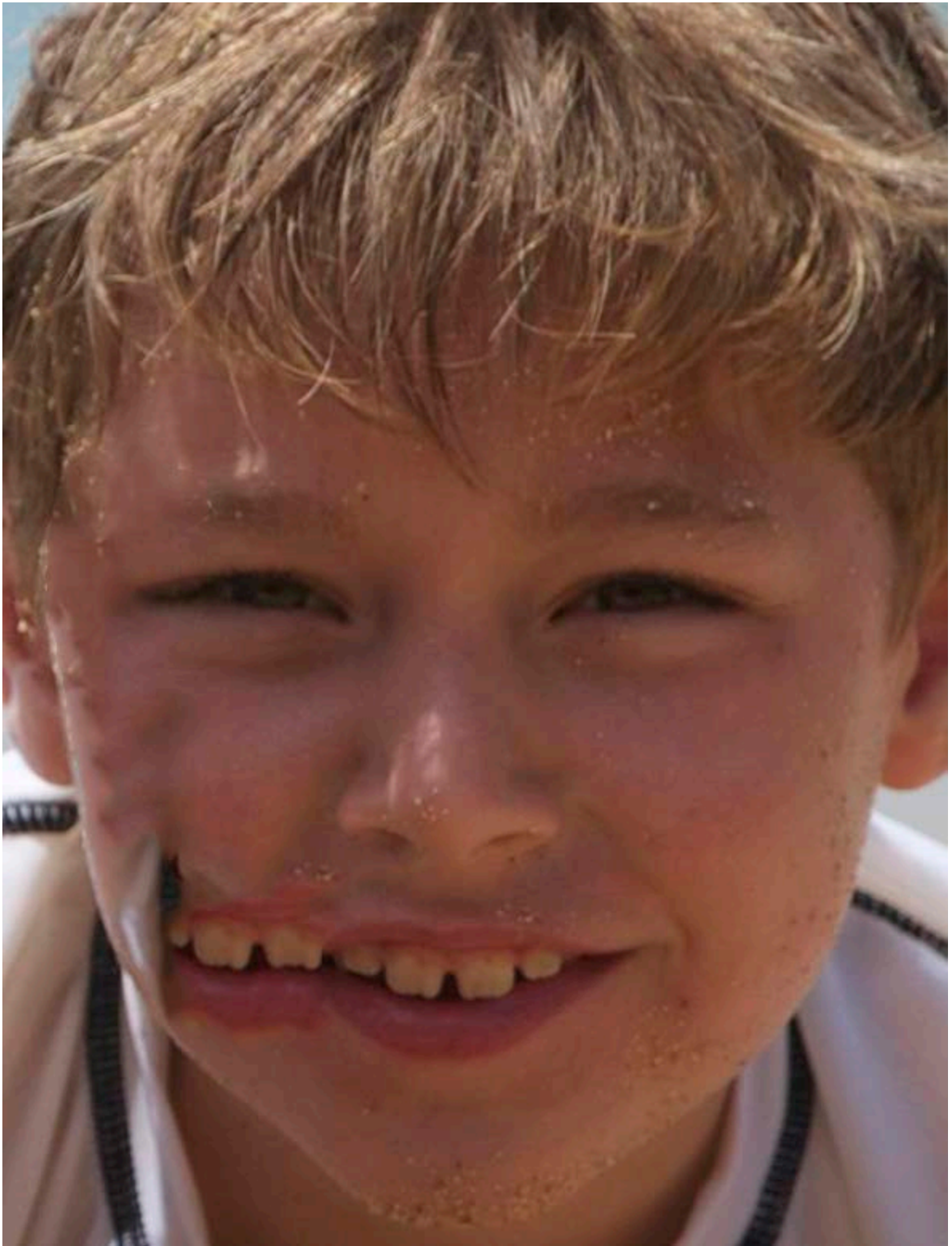
Photoshop CAF



Ours



Mask



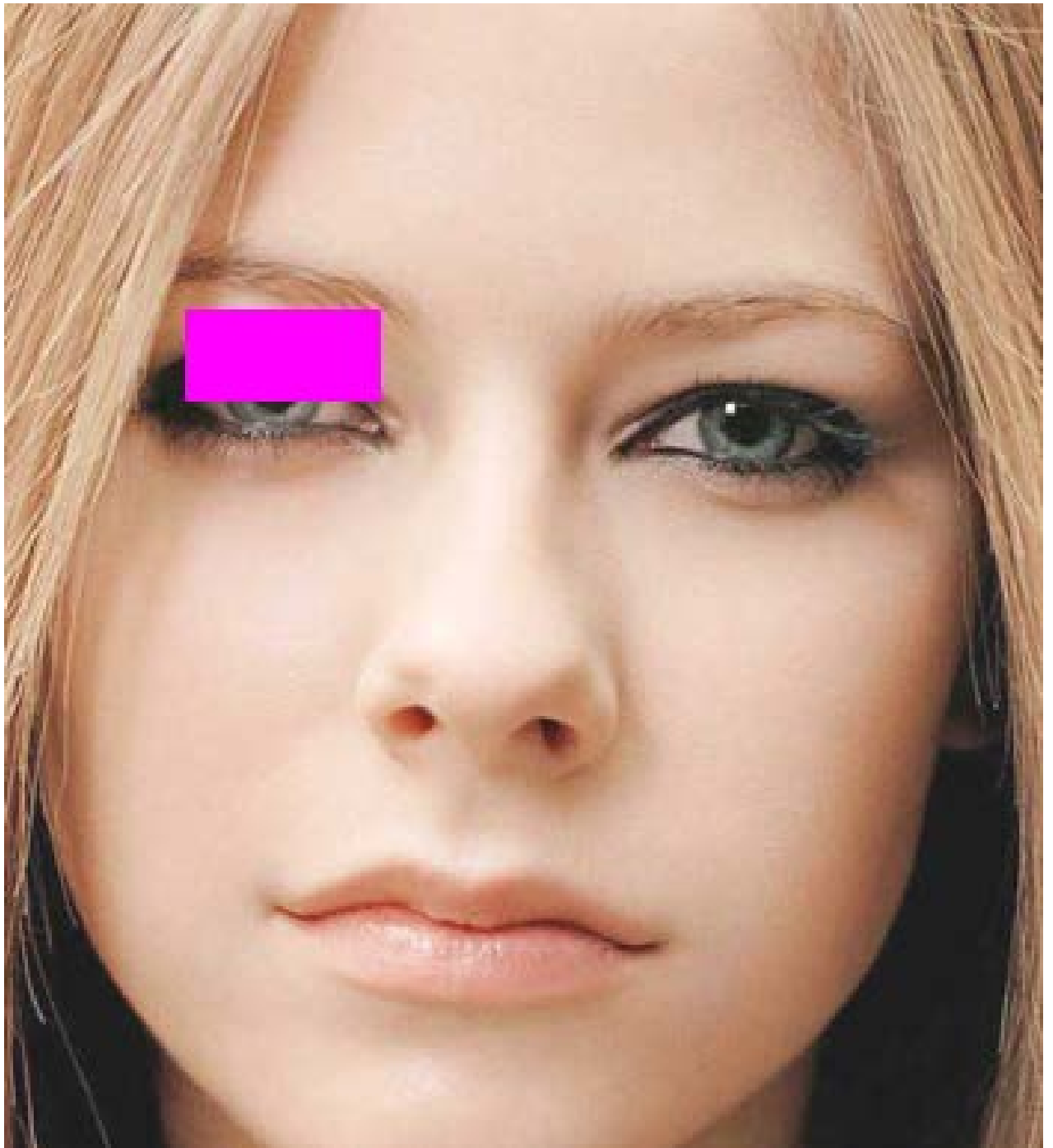
Photoshop CAF



Shiftmap



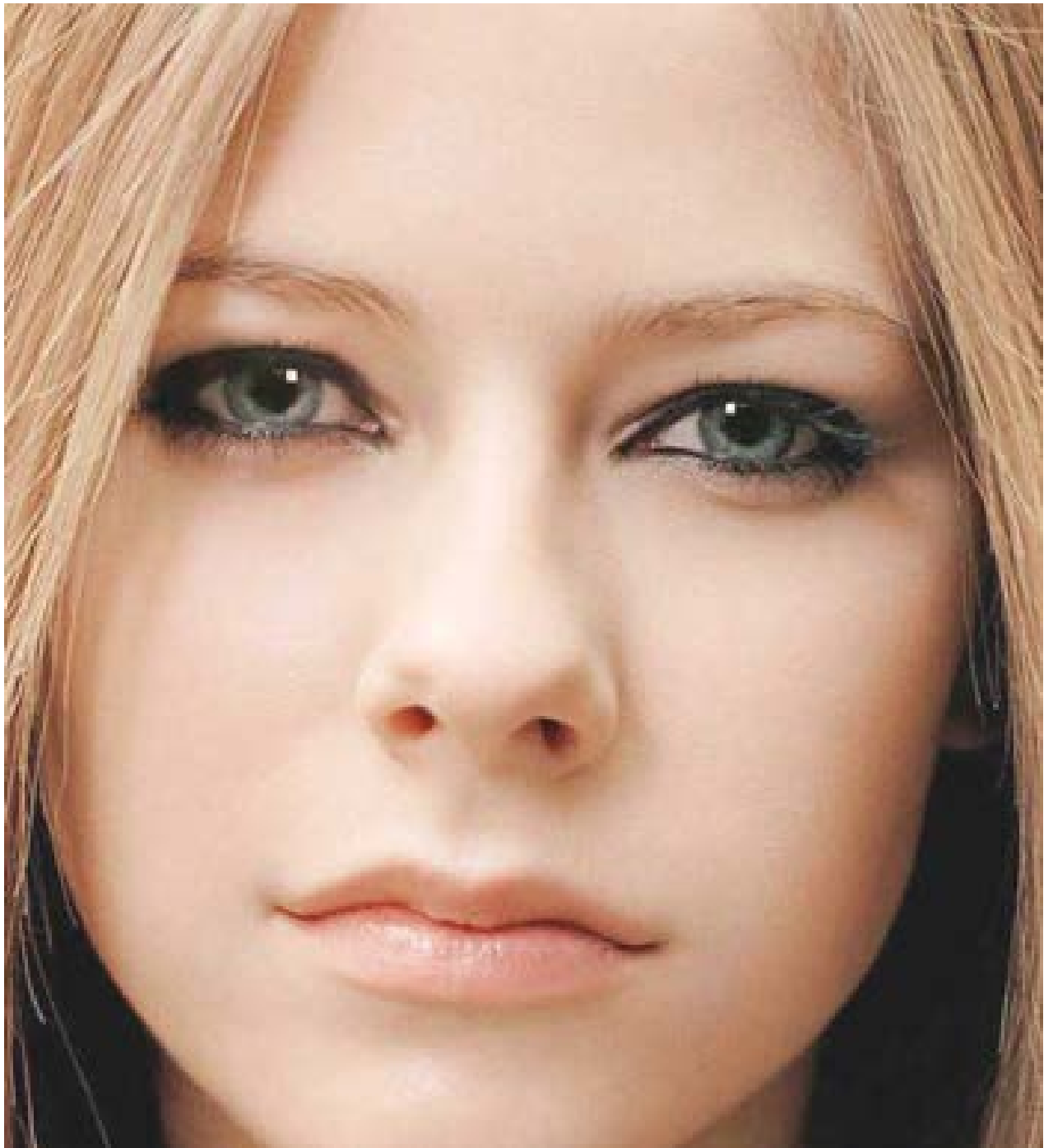
Ours



Mask



Photoshop CAF



Ours



Mask



Ours



Mask



Shiftmap



Photoshop CAF



Ours



Mask



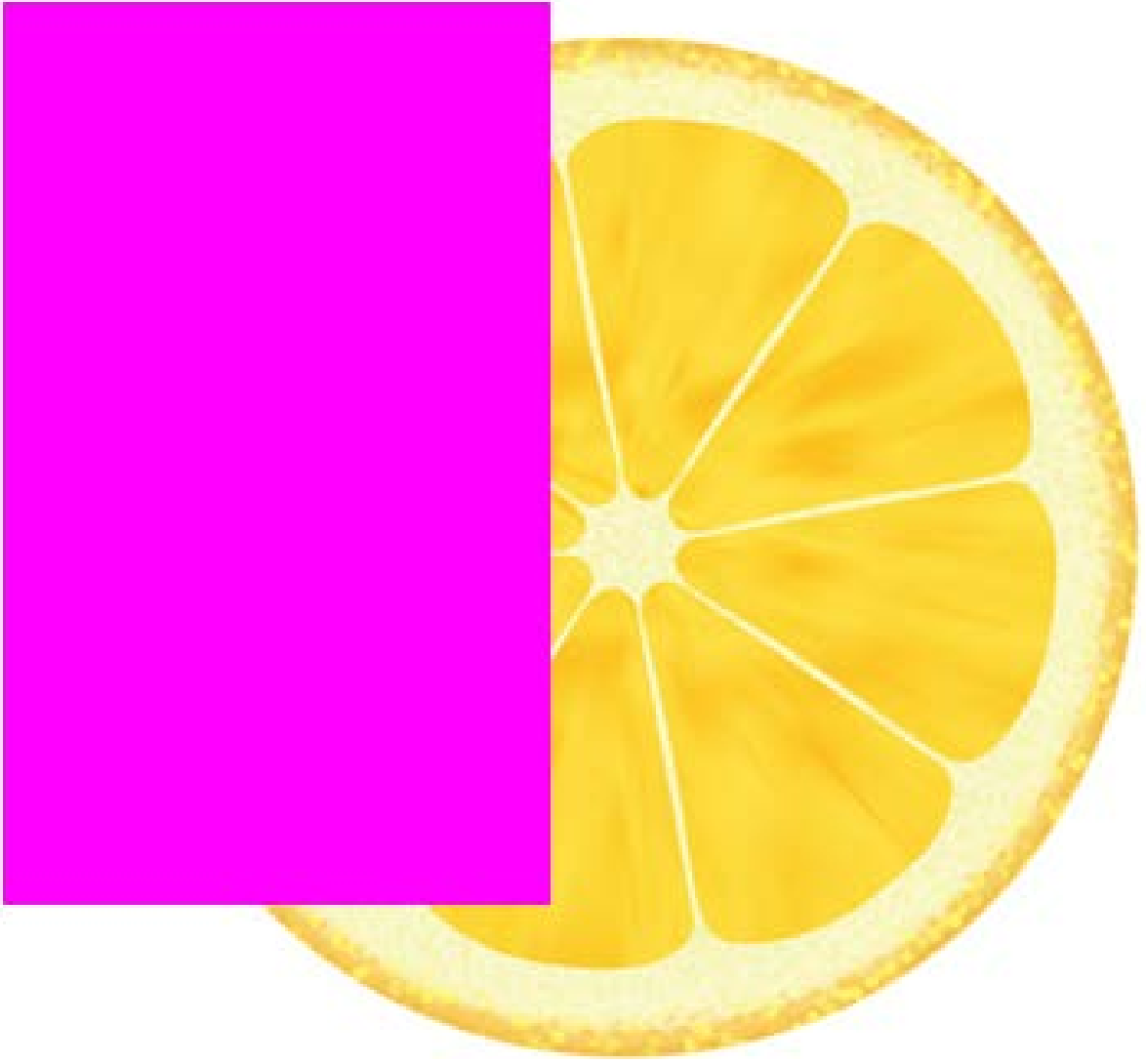
Photoshop CAF



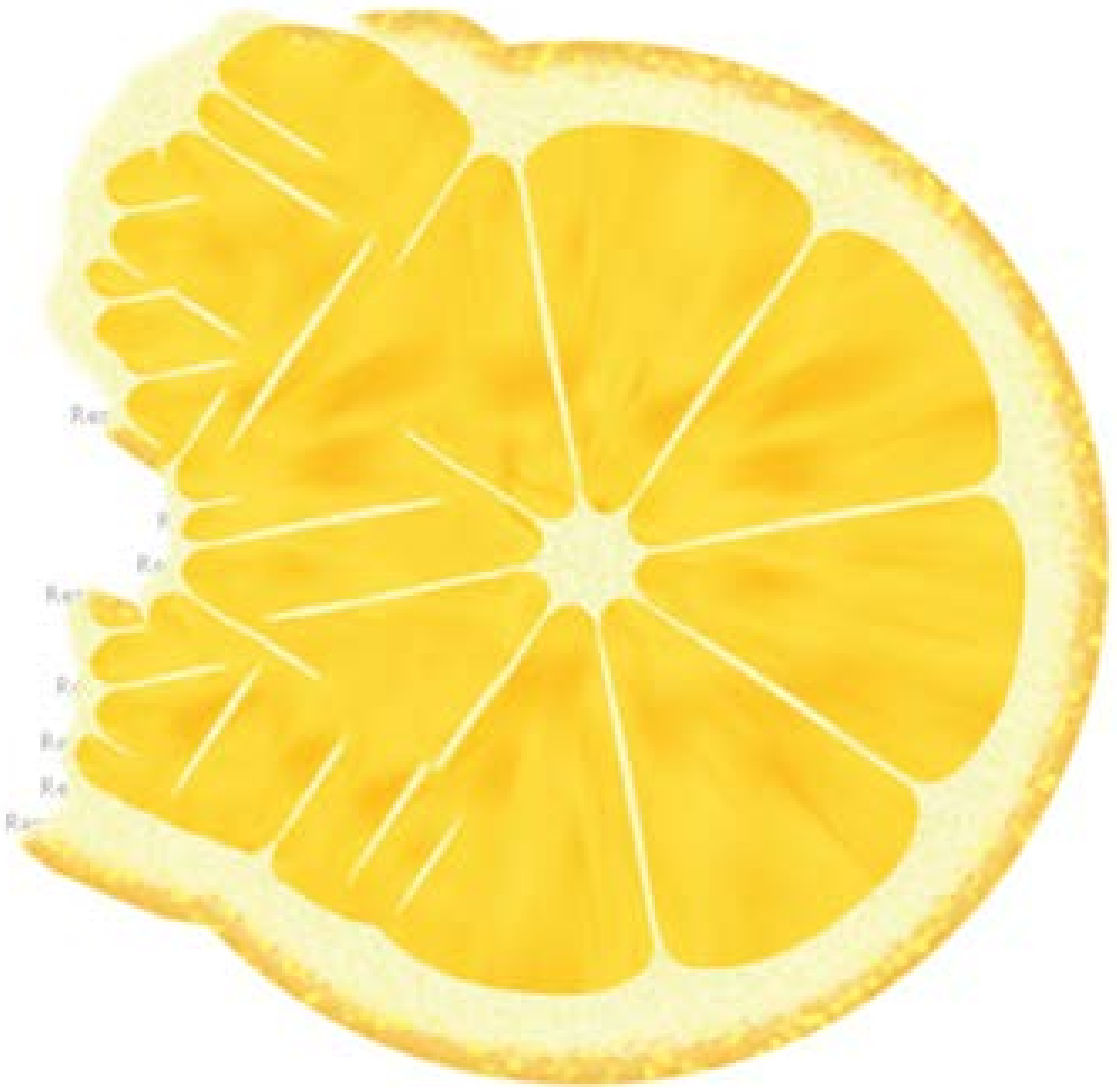
Shiftmap



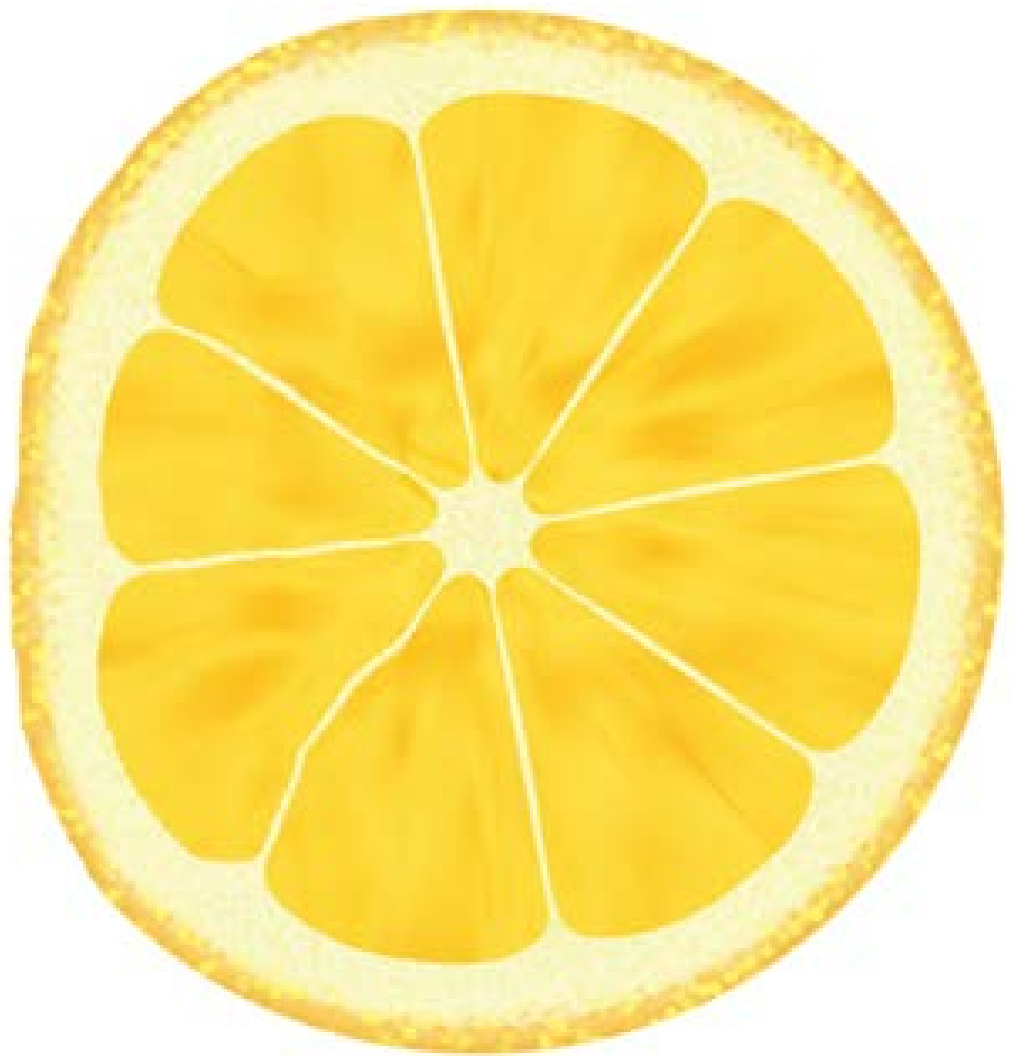
Ours



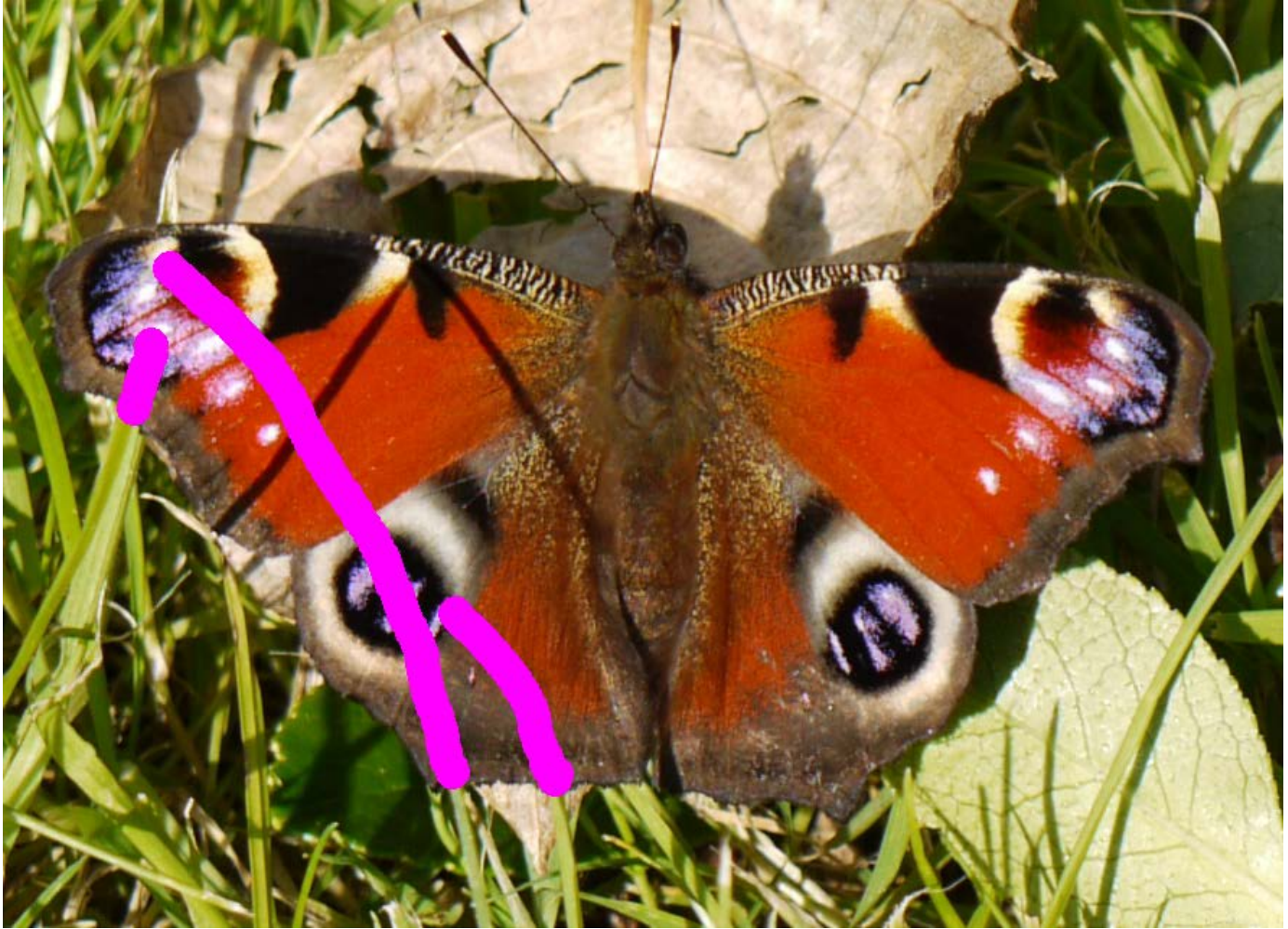
Mask



Photoshop CAF



Ours



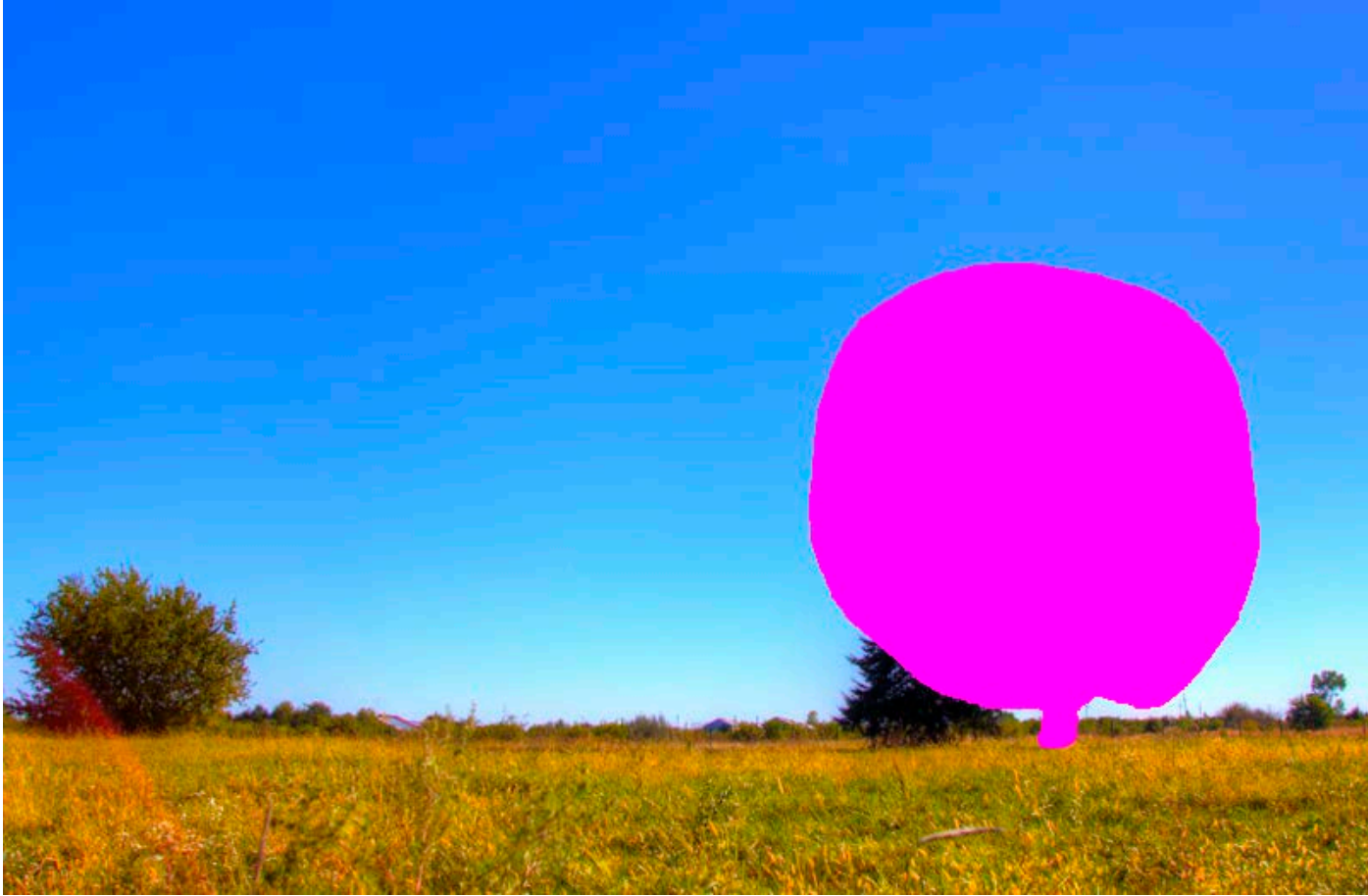
Mask



Photoshop CAF



Ours



Mask



Photoshop CAF



Ours



Mask



Photoshop CAF



Ours



Mask

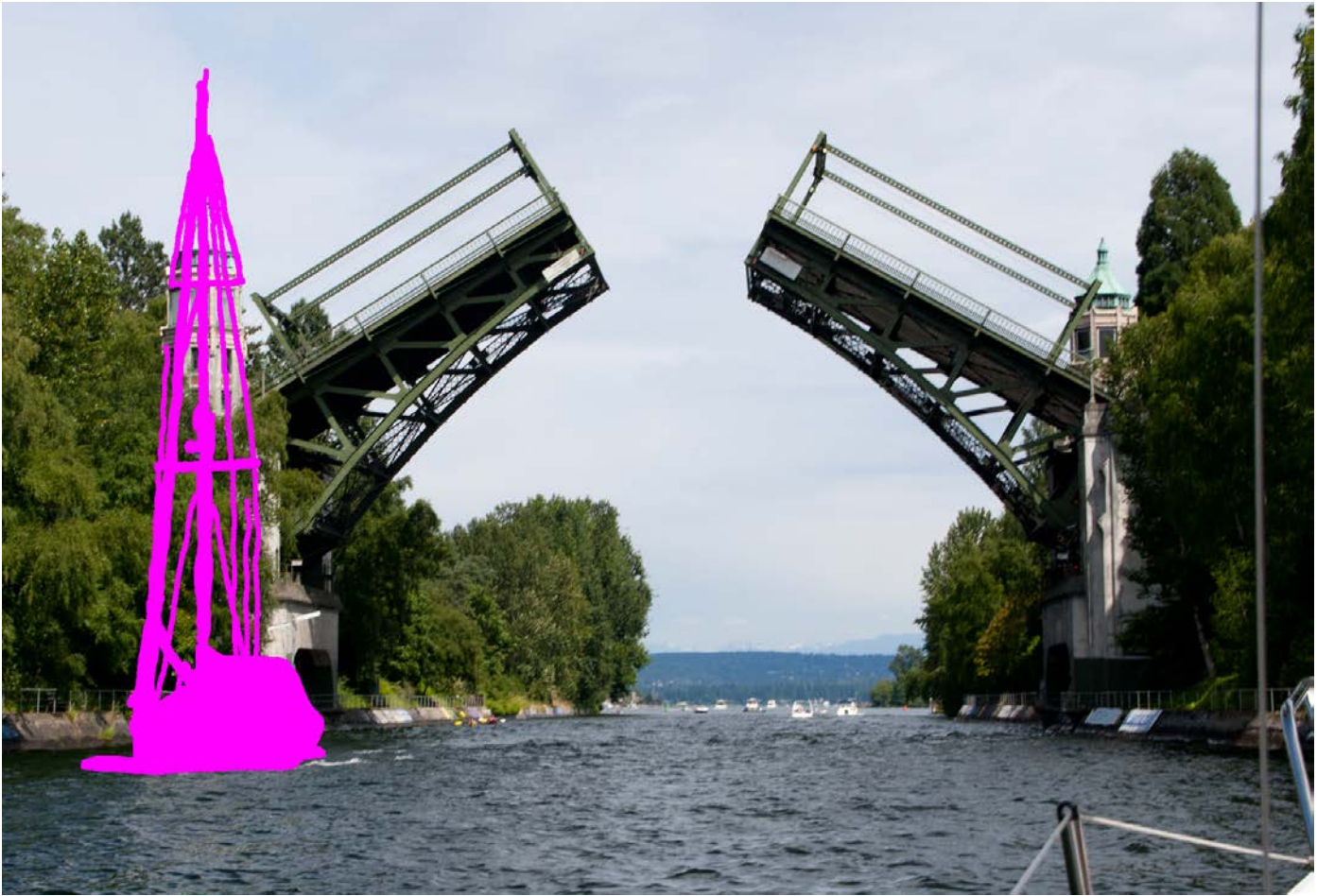


Photoshp CAF



Ours

Multi-source Image Completion



Source1



Source2



Photoshop CAF



Ours



Source1



Source2



Photoshop CAF



Ours



Source1



Source2



Photoshop CAF



Homography+Poisson



Ours



Source1



Source2



Mask



Source1



Source2



Photoshop CAF



Source1



Source2



Ours

Image warping



Source





Ours
“with slightly different
constraints”



Source



Laplacian warp



Ours

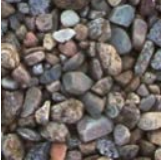


Source



Ours

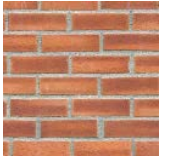
Texture interpolation



Ruiters et al.
EGSR10



Ours



Ruiters et al.
EGSR10



Ours

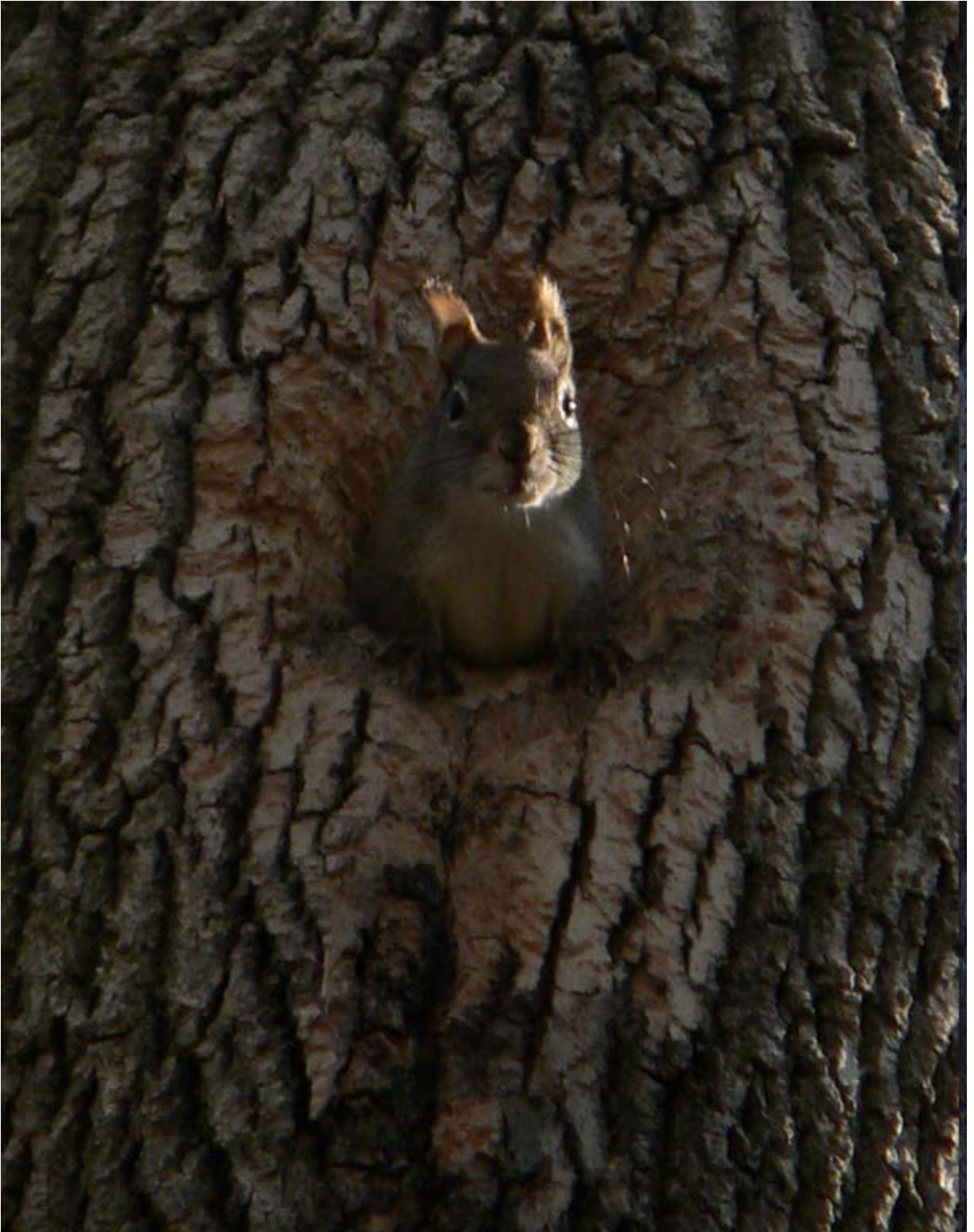


Ruiters et al.
EGSR10



Ours

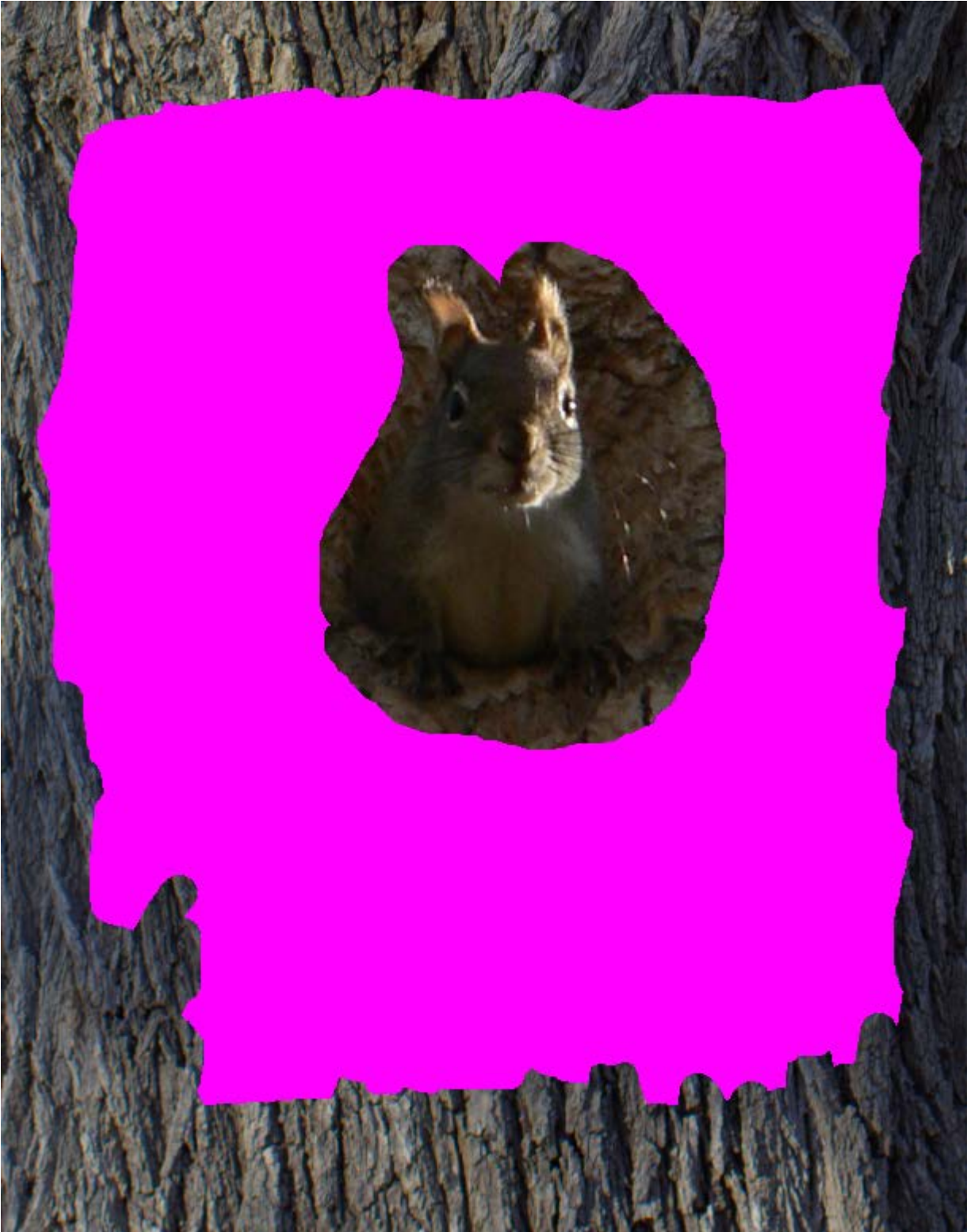
Cloning/Stitching



Source



Target



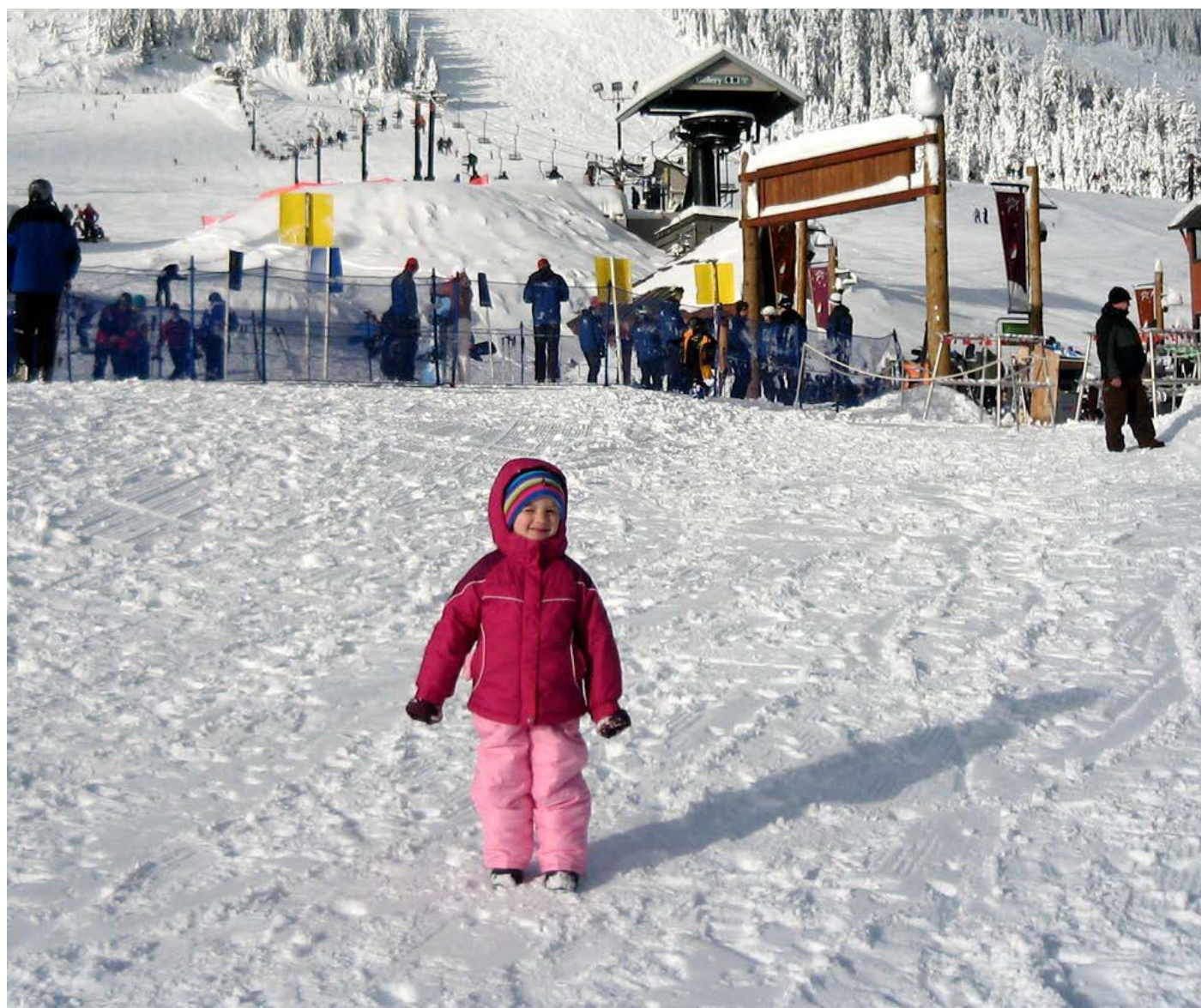
Mask



Ours



Photomontage



Source



Target



Mask



Ours



Phtotomontage



Source



Target



Mask



Ours



Photomontage



Source



Target



Mask



Ours



Photomontage



Source1



Source2



Photomontage



Source1



Source2



Ours



Photomontage cropped



Ours cropped

Source 1



Source 2



Ours





Source1



Source2



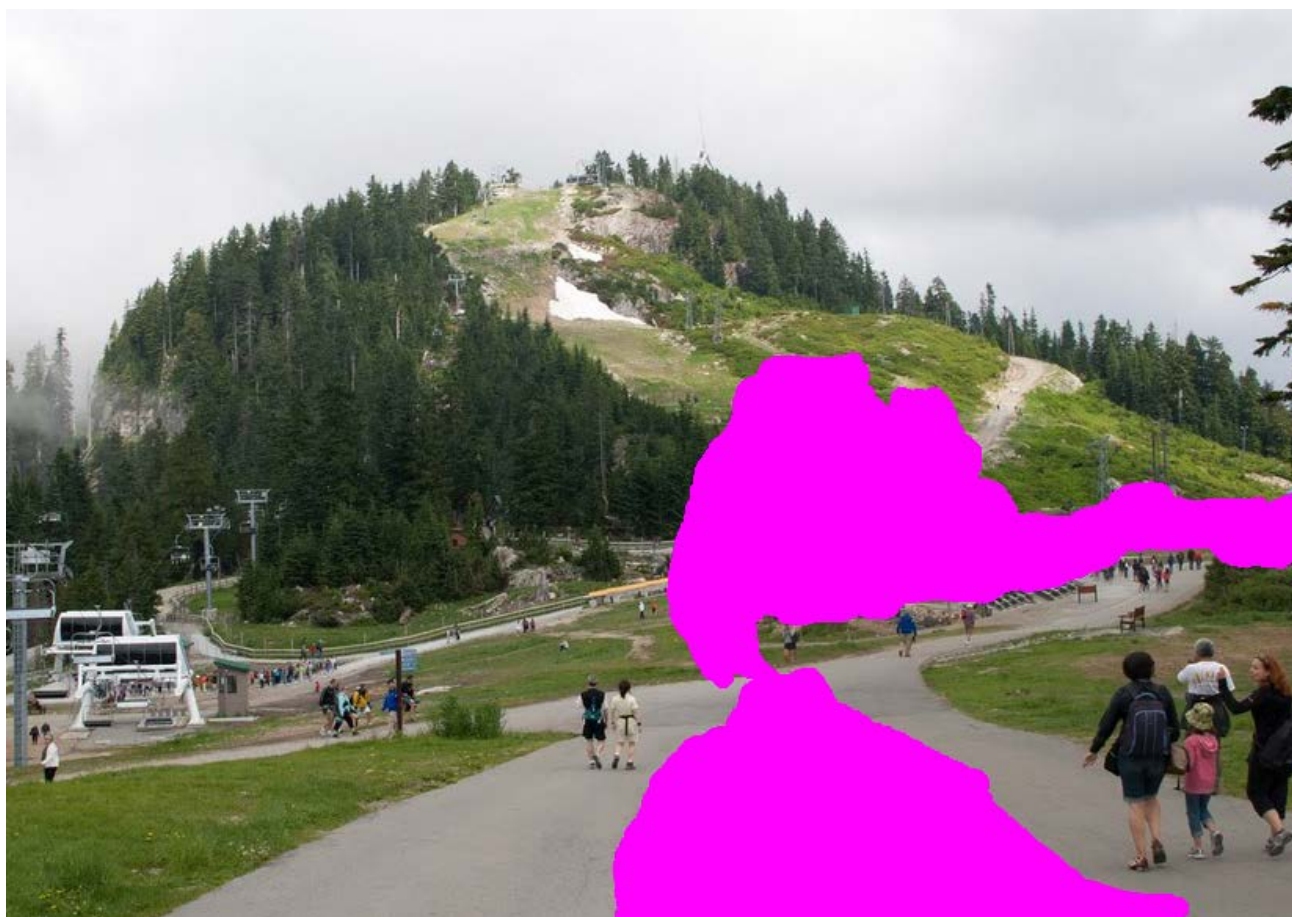
mixed



Source1



Source2



Mask



Source1



Source2



Ours



Source1



Source2



Mask



Source1



Source2



Ours



Source1



Source2



Mask



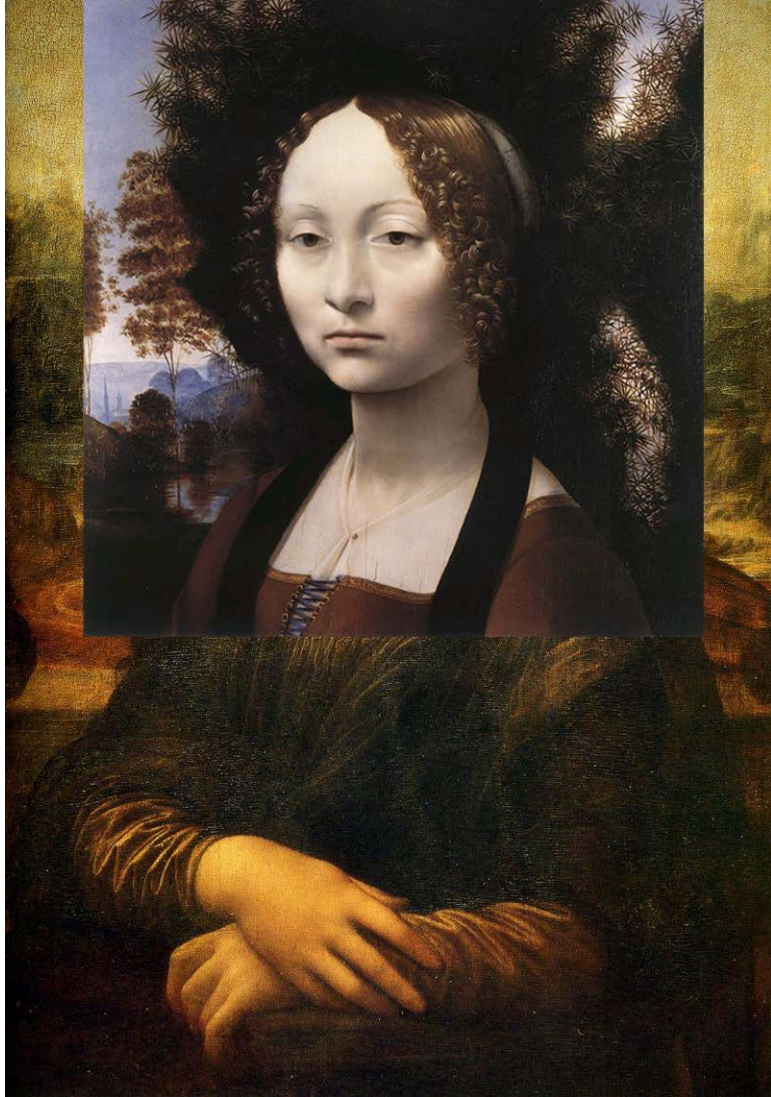
Source1



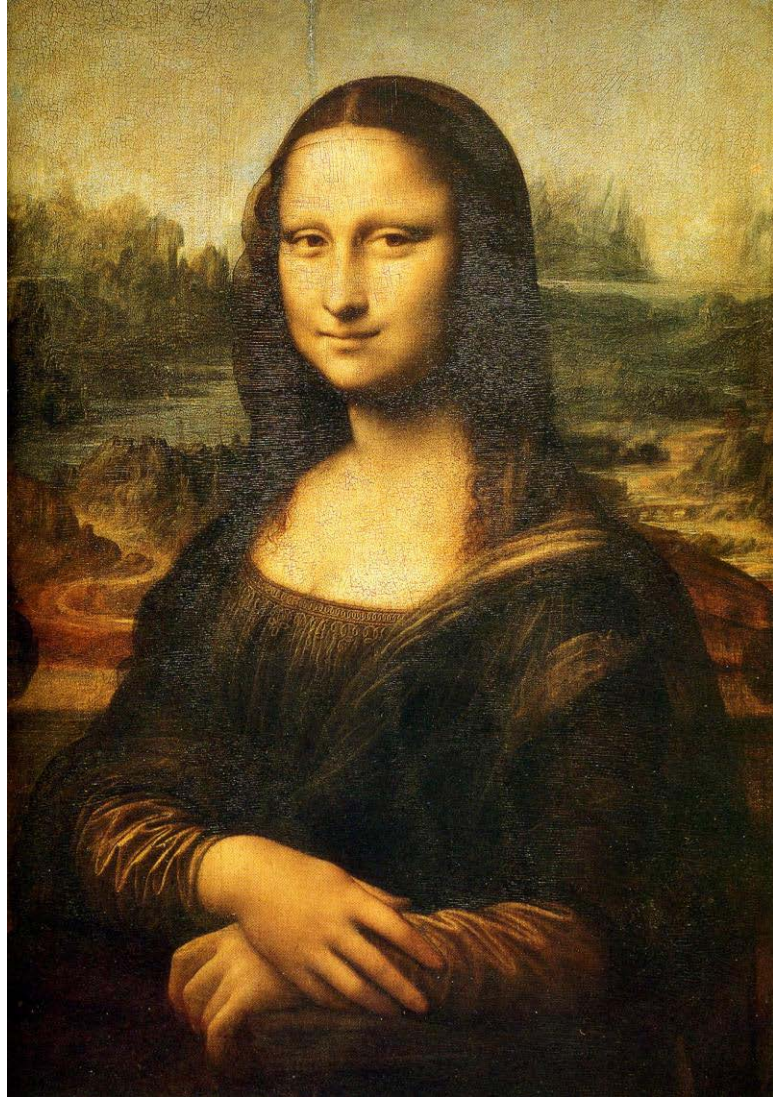
Source2



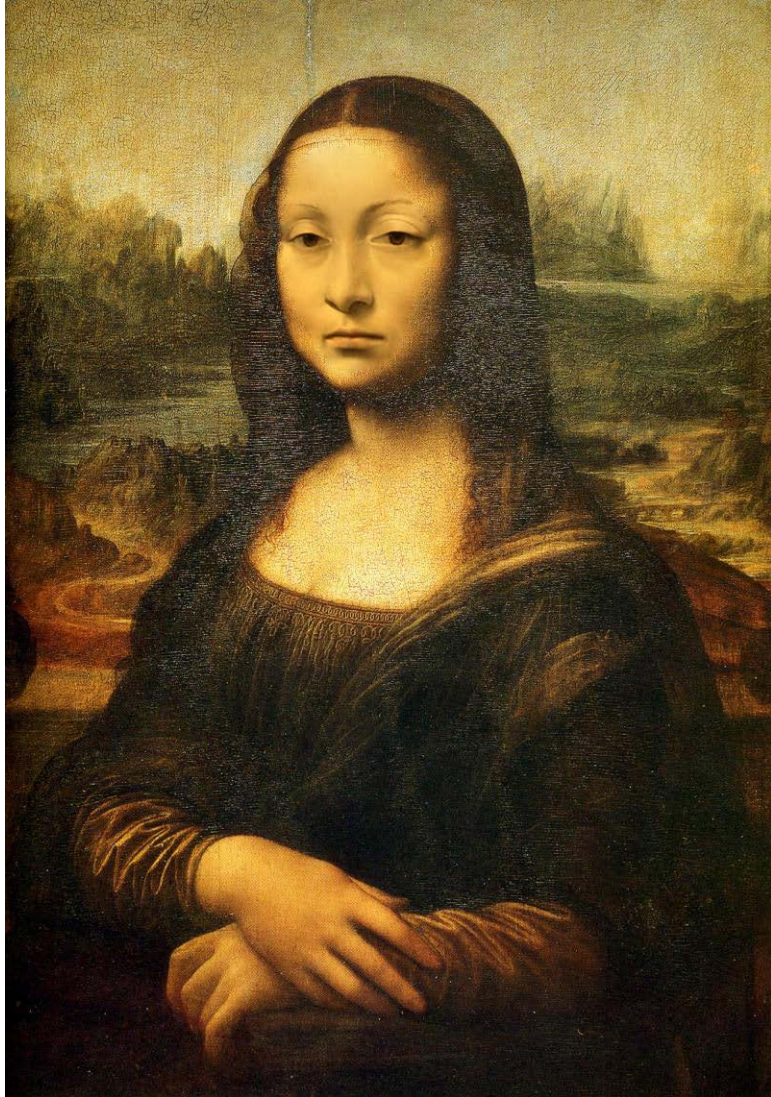
Ours



Source



Target



Poisson blend

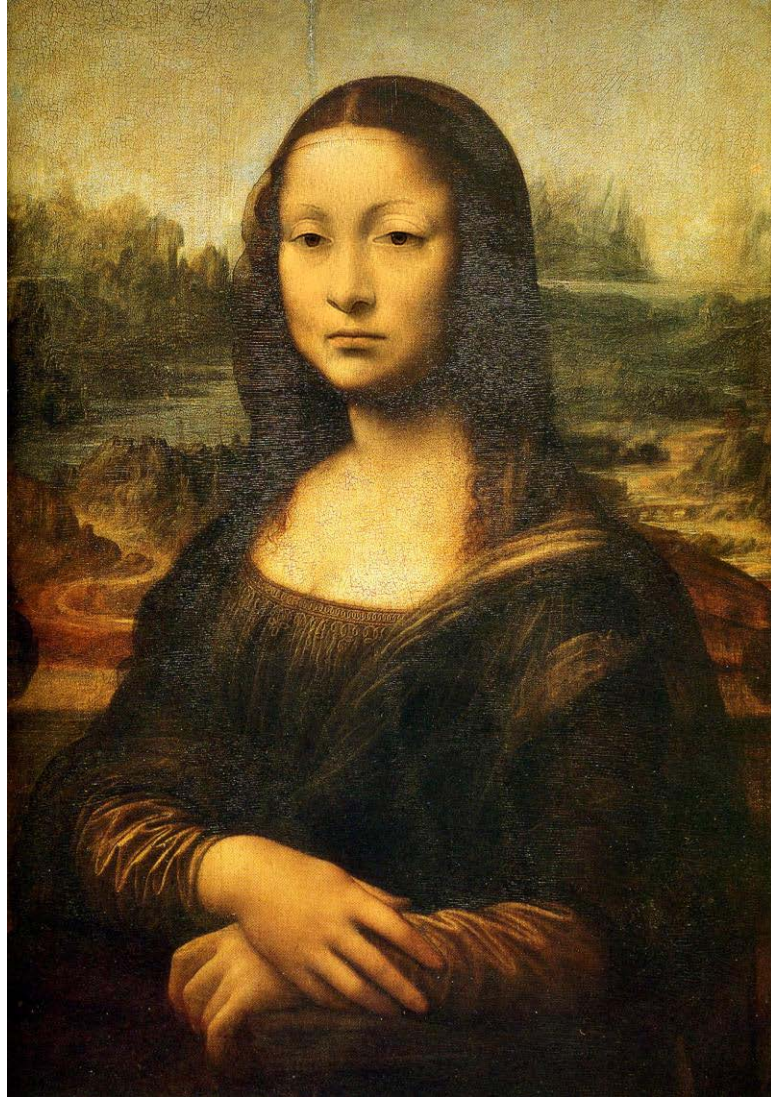
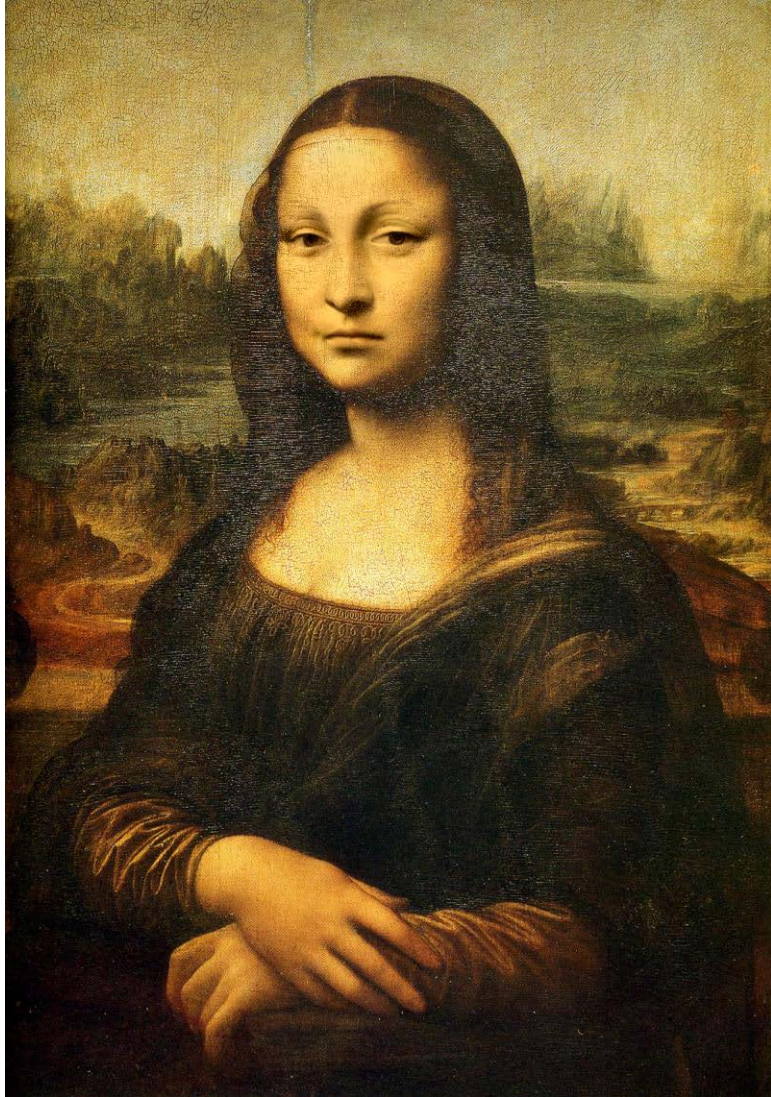
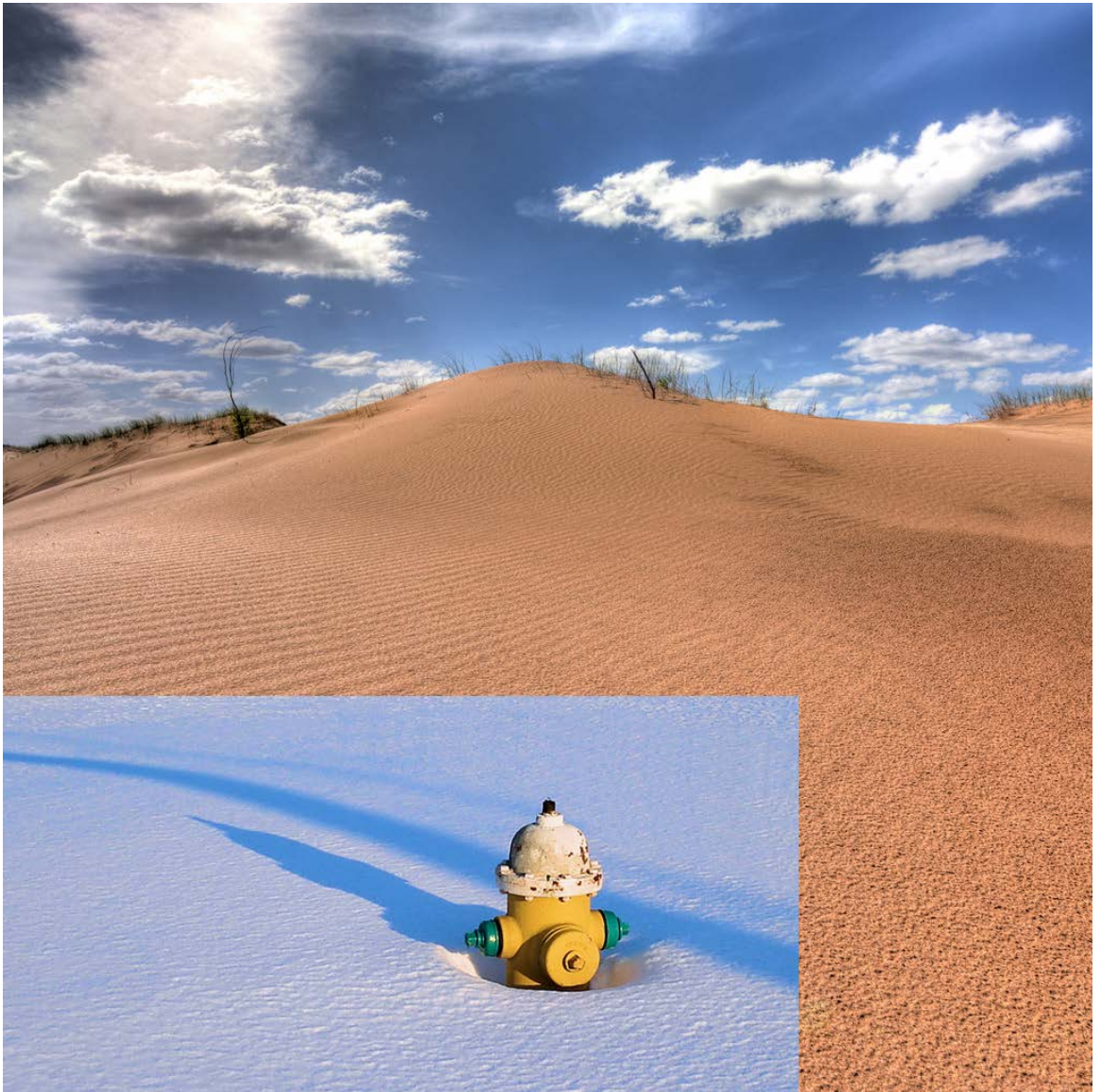


Image Harmonization
Sunkavalli et al.
SIG10



Ours



Source



Target



Poisson blend



Image Harmonization
Sunkavalli et al.
SIG10



Ours