Supplementary Materials on
Reflection Removal Using Low-Rank Matrix Completion

Byeong-Ju Han Jae-Young Sim
School of Electrical Engineering
Ulsan National Institute of Science and Technology, Ulsan, Korea
{bjhan, jysim}@unist.ac.kr

1. More Results of Reflection Removal

We provide the complete results of reflection removal on all the 30 test sets of glass images: 12 test sets are provided in [2] and 18 test sets are newly captured. Figs. S-1$\sim$ S-30 show the sets of input multiple glass images and the resulting transmission images reconstructed by using the proposed algorithm compared with that of the existing methods: [1]and [2].

References

[1] Y. Li and M. S. Brown. Single image layer separation using relative smoothness. In *Proc. IEEE CVPR*, pages 2752–2759, June 2014.

[2] Y. Li and M. S. Brown. Exploiting reflection change for automatic reflection removal. In *Proc. IEEE ICCV*, pages 2432–2439, December 2013.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-1. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-2. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-3. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-4. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-5. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-6. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-7. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-8. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-9. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-10. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-11. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-12. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-13. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-14. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-15. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

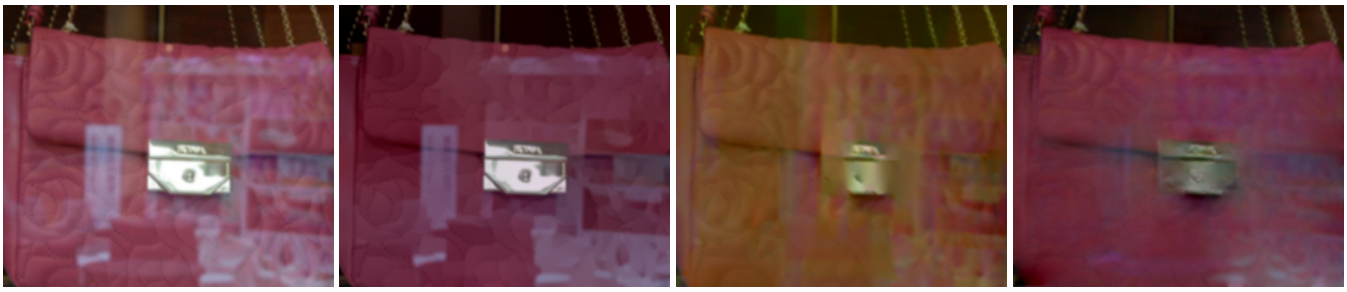
Figure S-16. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-17. More comparative results of reflection removal.

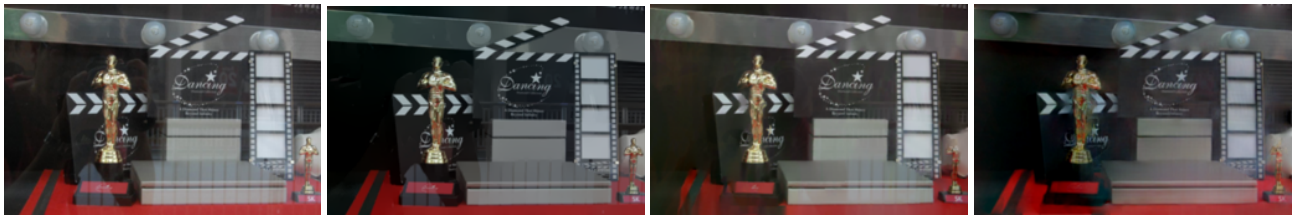
Input multiple glass images



Reference glass image [1] [2] Proposed

Figure S-18. More comparative results of reflection removal.

Input multiple glass images



Reference glass image [1] [2] Proposed

Figure S-19. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-20. More comparative results of reflection removal.

Input multiple glass images

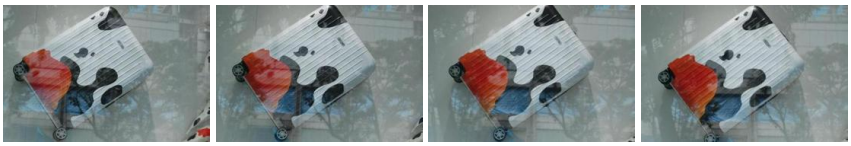
Reference glass image [1] [2] Proposed

Figure S-21. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-22. More comparative results of reflection removal.



Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-23. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-24. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-25. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-26. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-27. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-28. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-29. More comparative results of reflection removal.

Input multiple glass images

Reference glass image [1] [2] Proposed

Figure S-30. More comparative results of reflection removal.