



Rate-Distortion Driven Separation of Diffuse and Specular Components in Multiview Imagery Maryam Haghighat, Reji Mathew, and David Taubman, University of New South Wales, Sydney, Australia



Proposed decomposition using lifting-based 5/3 inter-view transform for diffuse content.



To avoid the complexity of warping between views, we solve the decomposition problem in a registered domain and then warp the solution back to the coordinates of the original views.





 \checkmark Much of the specular content is removed form input view sequences. \checkmark Coding performance is improved in comparison with conventional scalable coding.

Contacts: maryam.haghighat, reji.mathew, d.taubman{@unsw.edu.au}

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Results