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larger, and if the source region is small, we will end up with a poor quality of result.

In future work, we would like to come up with an algorithm which is capable of choosing any one of the two algorithms based on the size and shape of inpainting region or based on the complex background.

References

- SanketKhedikar, P.N. Chatur: Digital Inpainting on the Basis of Exemplar Based Method. International journal of Computer Science and Information Technology, Vol.5(3),(2014),3943-3945.
- Anupam, Pulkit Goyal, Sapan Diwakar: Fast and Enhanced Algorithm for Exemplar Based Image Inpainting.IIITAllahabad,India.
- A.Criminisi, P.Perez, K.Toyama: Region Filling and [3] ObjectRemoval By Exemplar-Based Image Inpainting.IEEETransaction image processing, Vol. 13, No. 9 (2004).
- [4] Bhimaraju Swati, Naveen Malviya, Shrikant Lade: Analysis of Exemplar Base Inpainting for Adaptive Patch Propagation using Wavelet TransformISSN 2250-2459,ISO 9001:2008 Certified Journal, Volume 3,Issue 5,(2013).
- [5] PranaliDhabekar, GeetaSalunke: The Exemplar-Based Algorithm through Image Inpainting Propagation.IJRTE,ISSN:227-3878,Volume-1,Issue-4,(2012).
- Bertalmio, M., Sapiro, G., Caselles, V., Ballester, C.,: [6] Image inpainting. In: Proceedings of SIGGRAPH 2000, pp.417-424. ACM Press, New York (2000).
- Bertalmio, M., Vese, L., Sapiro, G., Osher, S.,: Simultaneous structure and texture image inpainting. IEEE Trans. Image Processing 12, 882-889 (2003).
- Rajkumar L Biradar, Vinayadatt V Kohir:The novelimage inpainting Technique Based on Median Diffusion.Sadhana Vol.38, Part 4,(2013), Indian Academy of Sciences.
- Vese, L..A., Osher, S.J. Modeling Textures with totalvariation minimization and oscillating patterns in imageprocessing. J. Sci. Comput 19(1-3), 553-572 (2003).
- [10] Sangeetha, K., Dr., Sengottuvelan, P.,: Efficient exemplar based image inpainting using multidirectional contourlet transform, Oct 2013.
- [11] Drori, I., Cohen-Or, D., Yeshurun, H.,: Fragment-based image completion. In: Proceedings of SIGGRAPH 2003, pp. 303-312. ACM Press, New York(2003).
- [12] Rafeal C. Gonzalez, Richard E. Woods: Digital Image Processing.

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