

Papers 9 and 10 on the class web page.

9. Mao, X., Shen, C., & Yang, Y. B. (2016). Image restoration using very deep convolutional encoder-decoder networks with symmetric skip connections. In *Advances in neural information processing systems* (pp. 2802-2810).

10. Zhang, K., Zuo, W., Gu, S., & Zhang, L. (2017, July). Learning deep CNN denoiser prior for image restoration. In *IEEE Conference on Computer Vision and Pattern Recognition* (Vol. 2).

You need to submit that through Gradescope no later than 12 noon Wed. Feb 13th. Your review should answer the following questions:

1. What is the main problem the paper is addressing?
2. What approach do the authors use to solve that problem?
3. What is the innovative part of their approach / methodology compared to what was in the literature at the time the paper was published?
4. What are some of the shortcomings of the approach in the paper?
5. Optional: how would you improve upon the method described in the paper?