How does it work?

The Non Local Bayes (NLB) principle is simple. It seems that there is a step strategy: searching for similar patches, computing statistics and estimating parameters to tune this two new techniques.

- In the first step, searching for similar patches?
- Do you have an example?
- Parameters sensibility analysis on the 9 NLB parameters:
- There are good results, we reduce computational times with a factor 4.
- There are various parameterizations of NLB:
- Do you have an idea of the best quality?
- Accepting the best parameters to obtain the best quality.
- They have selected the best one is Non Local Bayes (NLB) method will be integrated in Pléiades industrialization process.
- It is now in the production systems.
- Production without denoising is operational.
- Do you have an example?
- Application to Pléiades satellite images.
- The second step is used to improve the search for similar patches in the denoising results. The first step is used for each pixel or group of pixels (patch), it takes a k step strategy: searching for similar patches computing statistics and estimating parameters to tune this two new techniques.

- How do you remove it properly?
- Do you forget, I want the best quality!
- If similar patches are used to estimate statistics, we can denoised them very accurate.
- It seems tricky to optimize and to modify shapes like these examples in orange and blue.

- If you look up or remember how similar patches are search, two solutions appear:
- Searching similar patches?
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