

Accepted Manuscript

Poisson Wiener Filtering with Non-Local Weighted Parameter Estimation using Stochastic Distances

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PII: S0165-1684(17)30352-3
DOI: [10.1016/j.sigpro.2017.10.001](https://doi.org/10.1016/j.sigpro.2017.10.001)
Reference: SIGPRO 6622



To appear in: *Signal Processing*

Received date: 19 June 2017
Revised date: 4 September 2017
Accepted date: 1 October 2017

Please cite this article as: André A. Bindilatti, Marcelo A.C. Vieira, Nelson D.A. Mascarenhas, Poisson Wiener Filtering with Non-Local Weighted Parameter Estimation using Stochastic Distances, *Signal Processing* (2017), doi: [10.1016/j.sigpro.2017.10.001](https://doi.org/10.1016/j.sigpro.2017.10.001)

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Highlights

- A novel Wiener filtering approach for Poisson corrupted images is proposed.
- The proposed method relies on a non-local neighborhood for parameter estimation.
- Stochastic distances are employed as similarity metrics between image patches.
- Better trade-off between noise smoothing and the preservation of image features.
- The proposed approach can be extended to other noise models and non-local filters.

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