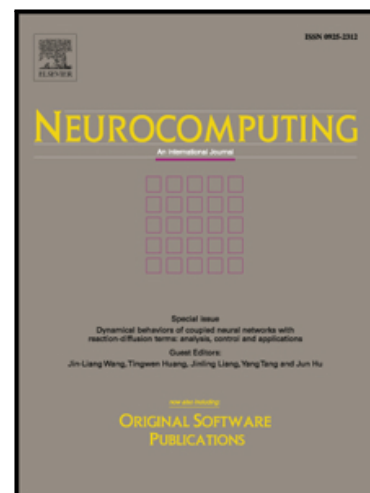


Accepted Manuscript

Variation Sparse Source Imaging based on Conditional Mean for Electromagnetic Extended Sources

Ke Liu, Zhu Liang Yu, Wei Wu, Zhenghui Gu, Yuanqing Li, Srikantan Nagarajan

PII: S0925-2312(18)30740-9
DOI: [10.1016/j.neucom.2018.06.004](https://doi.org/10.1016/j.neucom.2018.06.004)
Reference: NEUCOM 19682



To appear in: *Neurocomputing*

Received date: 5 January 2018
Revised date: 23 May 2018
Accepted date: 23 June 2018

Please cite this article as: Ke Liu, Zhu Liang Yu, Wei Wu, Zhenghui Gu, Yuanqing Li, Srikantan Nagarajan, Variation Sparse Source Imaging based on Conditional Mean for Electromagnetic Extended Sources, *Neurocomputing* (2018), doi: [10.1016/j.neucom.2018.06.004](https://doi.org/10.1016/j.neucom.2018.06.004)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- A Bayesian framework is proposed to enforce sparseness of sources in the transform domains.
- Bayesian inference is employed to compute the mean and covariance of sources, instead of the MAP.
- A fully data driven and double-loop algorithm is derived to complete the Bayesian inference.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8953568>

Download Persian Version:

<https://daneshyari.com/article/8953568>

[Daneshyari.com](https://daneshyari.com)