Accepted Manuscript

Block-Sparsity Recovery via Recurrent Neural Network

Chengcheng Lyu, Zhou Liu, Lei Yu

 PII:
 S0165-1684(18)30281-0

 DOI:
 https://doi.org/10.1016/j.sigpro.2018.08.014

 Reference:
 SIGPRO 6906

To appear in: Signal Processing

Received date:24 April 2018Revised date:20 July 2018Accepted date:27 August 2018



Please cite this article as: Chengcheng Lyu, Zhou Liu, Lei Yu, Block-Sparsity Recovery via Recurrent Neural Network, *Signal Processing* (2018), doi: https://doi.org/10.1016/j.sigpro.2018.08.014

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

- The paper proposes a data-driven algorithm to deal with the block-sparsity recovery problem.
- A recurrent neural network with LSTM block is introduced to capture the intra-structure of signals.
- The algorithm is no need for the prior knowledge of partition patterns.

1

Download English Version:

https://daneshyari.com/en/article/10133003

Download Persian Version:

https://daneshyari.com/article/10133003

Daneshyari.com