



ISSN1003-0530

CN11-2406/TN

信号处理

Signal Processing

压缩感知专刊

第28卷 第6期

Vol.28 No.6

2012

ISSN 1003-0530



9 771003 053126

信号处理学会学报
Journal of Signal Processing Society

万方数据

信号处理

2012年6月

(月刊)

第28卷第6期

目次

特约稿

从稀疏到结构化稀疏:贝叶斯方法 孙洪 张智林 余磊(759)

快报

基于时间自相关函数的诱发电位单通道单次提取方法 毕峰 邱天爽(774)

论文与技术报告

分布式压缩感知实现联合信道估计的方法 王伟刚 杨震 胡海峰(778)

压缩感知的多重测量向量模型与算法分析 王法松 张林让 周宇(785)

有限带宽信号的双谱线比值压缩感知重构算法 黄翔东 朱晴晴 杜宇彬 蒋长丽(793)

基于压缩感知的自适应卡尔曼滤波 郭文彬 李航(799)

算法研究

基于线性化的混沌压缩感知重构算法 陈胜垚 席峰 刘中(806)

基于压缩感知的加权宽带谱重构算法 吴宏林 王殊(812)

基于遗传优化图像稀疏分解的密写算法 欧阳春娟 李霞 李斌(821)

基于贝叶斯压缩感知的子空间拟合 DOA 估计方法 孙磊 王华力 熊林林 蒋岩(827)

基于 SLO 压缩感知信号重建的改进算法 杨良龙 赵生妹 郑宝玉 唐文娟(834)

应用

基于压缩感知和 LBC 算法的 SAR 数据压缩与重构方法 朱丰 张群 段艳丽 顾福飞 孙凤莲 邓冬虎(842)

面向内容的语音信号压缩感知研究 高畅 李海峰 马琳(851)

基于压缩感知与结构自相似性的遥感图像超分辨率方法
..... 潘宗序 黄慧娟 禹晶 胡少兴 张爱武 马洪兵 孙卫东(859)

基于加权平均一致算法的宽带压缩频谱感知 姚刚 郑宝玉 池新生(873)

短文与研究通讯

托普利兹矩阵在压缩多径信道估计中的应用 孙晶明 王殊 董燕(879)

基于 SWCoSaMP 算法的稀疏信号重构 张晓伟 李明 左磊(886)

帧间自适应语音信号压缩感知 雷颖 钱永青 孙洪(894)

基于 OMP 的非合作宽带脉冲压缩雷达信号的压缩感知研究 陈旗 曹汉强 方标 黄高明(900)

《信号处理》分布式及双多基地雷达专刊征稿启事 (907)

稿件格式要求 (908)

封二 《信号处理》第八届编委会委员名单

封三 《信号处理》征稿简则

封四 收录《信号处理》的检索系统及数据库

Signal Processing

Jun. 2012

(Monthly)

Vol. 28 No. 6

Contents

Special Arrangement

From Sparsity to Structured Sparsity: Bayesian Perspective SUN Hong ZHANG Zhi-lin YU Lei(759)

Letters

Single-trial Extraction of Evoked Potential from Single channel Based on Temporal Autocorrelation Function
..... BI Feng QIU Tian-shuang(774)

Thesis and Technical Reports

The Method of Achieving Simultaneous Channels Estimation on Distributed Compressed Sensing
..... WANG Wei-gang YANG Zhen HU Hai-feng(778)

Multiple Measurement Vectors for Compressed Sensing: Model and Algorithms Analysis
..... WANG Fa-song ZHANG Lin-rang ZHOU Yu(785)

A Compressed Sensing Band-limited Signal Reconstruction Algorithm based on the Ratio of Double Spectral Lines
..... HUANG Xiang-dong ZHU Qing-qing DU Yu-bin JIANG Chang-li(793)

Adaptive Kalman Filter based on Compressed Sensing GUO Wen-bin LI Hang(799)

Algorithm and Research

Linearization based Reconstruction Algorithm of Chaotic Compressive Sensing CHEN Sheng-yao XI Feng LIU Zhong(806)

Weighted compressive sensing for wireless wideband spectrum sensing WU Hong-lin WANG Shu(812)

A Steganographic Algorithm Based on Image Sparse Decomposition Optimized by GA OUYANG Chun-juan LI Xia LI Bin(821)

A Novel Subspace Fitting Method for DOA Estimation Based on Bayesian Compressive Sensing
..... SUN Lei WANG Hua-li XIONG Lin-lin JIANG Yan(827)

The Improved Reconstruction Algorithm for Compressive Sensing on SL0
..... YANG Liang-long ZHAO Sheng-mei ZHENG Bao-yu TANG Wen-juan(834)

Applications

SAR Data Compressing and Reconstructing Method Based on Compressed Sensing and LBG Algorithm
..... ZHU Feng ZHANG Qun DUAN Yan-li GU Fu-fei SUN Feng-lian DENG Dong-hu(842)

Content-based Compressive Sensing for Speech Signal GAO Chang LI Hai-feng MA Lin(851)

Super-resolution Method based on CS and Structural Self-similarity for Remote Sensing Images
..... PAN Zong-xu HUANG Hui-juan YU Jing HU Shao-xing ZHANG Ai-wu MA Hong-bing SUN Wei-dong(859)

Compressed wideband spectrum sensing based on weighted average consensus YAO Gang ZHENG Bao-yu CHI Xin-sheng(873)

Essay and Research Communications

Toeplitz Matrix for Compressed Multipath Channel Sensing SUN Jing-ming WANG Shu DONG Yan(879)

Sparse Signal Recovery Based on Stepwise Compressed Sampling Matching Pursuit ZHANG Xiao-wei LI Ming ZUO Lei(886)

Adaptive Inter-frame Speech Compressed Sensing LEI Ying QIAN Yong-qing SUN Hong(894)

Compressive Sensing Research of Uncooperative Wideband Pulse Compression Radar Signal by Orthogonal Matching Pursuit Algorithm
..... CHEN Qi CAO Han-qiang FANG Biao HUANG Gao-ming(900)