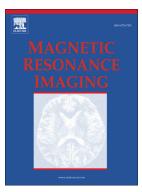
Accepted Manuscript

Background field removal technique based on non-regularized variable kernels sophisticated harmonic artifact reduction for phase data for quantitative susceptibility mapping



Hirohito Kan, Nobuyuki Arai, Masahiro Takizawa, Kazuyoshi Omori, Harumasa Kasai, Hiroshi Kunitomo, Yasujiro Hirose, Yuta Shibamoto

PII:	S0730-725X(18)30216-9
DOI:	doi:10.1016/j.mri.2018.06.006
Reference:	MRI 8979
To appear in:	Magnetic Resonance Imaging
Received date:	12 January 2018
Revised date:	17 May 2018
Accepted date:	10 June 2018

Please cite this article as: Hirohito Kan, Nobuyuki Arai, Masahiro Takizawa, Kazuyoshi Omori, Harumasa Kasai, Hiroshi Kunitomo, Yasujiro Hirose, Yuta Shibamoto, Background field removal technique based on non-regularized variable kernels sophisticated harmonic artifact reduction for phase data for quantitative susceptibility mapping. Mri (2017), doi:10.1016/j.mri.2018.06.006

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.

ACCEPTED MANUSCRIPT

Background Field Removal Technique Based on Non-regularized Variable Kernels Sophisticated Harmonic Artifact Reduction for Phase Data for Quantitative Susceptibility Mapping

Author names and affiliations:

Hirohito Kan, PhD[†] Tel: +81-52-851-5511 E-mail: h.kan1208@gmail.com Nobuyuki Arai, MS[†] Tel: +81-52-851-5511 E-mail: rarai51@med.nagoya-cu.ac.jp Masahiro Takizawa, PhD ^{††} Tel: +81-4-7131-4278 E-mail: masahiro.takizawa.jd@hitachi.com Kazuyoshi Omori, BS ^{††}Tel: +81-4-7131-4278 E-mail: kazuyoshi.omori.xu@hitachi.com Harumasa Kasai, PhD[†] Tel: +81-52-851-5511 E-mail: hhkasai@gmail.com Hiroshi Kunitomo, RT[†] Tel: +81-52-851-5511 E-mail: rakunny@med.nagoya-cu.ac.jp Yasujiro Hirose, MS[†] Tel: +81-52-851-5511 E-mail: rahirose@med.nagoya-cu.ac.jp Yuta Shibamoto, MD, PhD[†] Tel: +81-52-851-5511 E-mail: yshiba@med.nagoya-cu.ac.jp

[†]: Department of Radiology, Nagoya City University Hospital 1-Kawasumi, Mizuho-cho Mizuho-ku, Nagoya City, Aichi, 4678602, Japan

^{††}: Healthcare Business Unit, Hitachi, Ltd.

Corresponding author:

Hirohito Kan, Ph.D.

h.kan1208@gmail.com

Department of Radiology, Nagoya City University Hospital 1-Kawasumi, Mizuho-cho Mizuho-ku, Nagoya City, Aichi, 4678602, Japan Tel: +81-52-851-5511, Fax: +81-52-851-5511

Acknowledgment:

This work was supported by JSPS KAKENHI Grant Number JP17K15805.

Grant sponsor: Hitachi, Ltd.

Download English Version:

https://daneshyari.com/en/article/8159742

Download Persian Version:

https://daneshyari.com/article/8159742

Daneshyari.com