Accepted Manuscript

Limitations in Biexponential Fitting of NMR Inversion-Recovery Curves

Mohammed Salman Shazeeb, Christopher H. Sotak

PII: S1090-7807(17)30003-4

DOI: http://dx.doi.org/10.1016/j.jmr.2017.01.003

Reference: YJMRE 6017

To appear in: Journal of Magnetic Resonance

Received Date: 1 July 2013
Revised Date: 1 January 2017
Accepted Date: 2 January 2017



Please cite this article as: M. Salman Shazeeb, C.H. Sotak, Limitations in Biexponential Fitting of NMR Inversion-Recovery Curves, *Journal of Magnetic Resonance* (2017), doi: http://dx.doi.org/10.1016/j.jmr.2017.01.003

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

Limitations in Biexponential Fitting of NMR Inversion-Recovery Curves

Mohammed Salman Shazeeb^{1,2}, Christopher H. Sotak^{1-3,*}

¹Department of Radiology
University of Massachusetts Medical School
Worcester, MA 01655

Departments of ²Biomedical Engineering and ³Chemistry & Biochemistry

Worcester Polytechnic Institute

Worcester, MA 01609

Correspondence:

Mohammed Salman Shazeeb, Ph.D.

Department of Radiology

University of Massachusetts Medical School

55 Lake Avenue North, S6-326

Worcester, MA 01655

Tel: 617-823-8034 FAX: 508-856-6363

E-mail: mohammed.shazeeb@umassmed.edu

* **Deceased** (05/28/2011): Dr. Christopher Sotak helped guide the initial exploratory simulations, but regrettably passed away before the more exhaustive simulations were undertaken. It is an honor to include him as a coauthor in recognition of his impact on the author and the field of *in vivo* NMR.

Download English Version:

https://daneshyari.com/en/article/5404561

Download Persian Version:

https://daneshyari.com/article/5404561

<u>Daneshyari.com</u>