



Division of Applied Mathematics

Brown University

Seminars for Jan 22 - Jan 26, 2001

- **Friday, January 26, 2001**

Brown University Scientific Computing Seminar

Speaker: **Nassar H. S. Haidar**, Department of Mathematics, American University of Beirut, Lebanon
Title: On Nonlinear Techniques for Linear Deconvolution Problems
Time/Place: 11:00 a.m., 182 George Street, Room 110

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Questions and comments to: webmaster@dam.brown.edu

Sample 15 publications of the **Managing Editor**

- [1] Haidar, N.H.S. On counting by a pair of Fibonacci generated countable sets of irrationals, *Italian Journal of Pure and Applied Mathematics*, in press, 2019.
- [2] Haidar, N.H.S. On the sufficiency of bounded variation of functions for their Riemann integrability, *Missouri Journal of Mathematical Sciences*, in press, 2019.
- [3] Haidar, N.H.S. An additive separation of variables 3D solution to a dynamical BVP for neutron cancer therapy, *International Journal of Dynamical Systems and Differential Equations*, **9**(2), (2019), 140-163.
- [4] Haidar, N.H.S. On dynamical (B/Gd) neutron cancer therapy : accelerator-based single neutron beam, *Pacific Journal of Applied Mathematics*, **9**(1), (2018), 9-26.
- [5] Haidar, N.H.S. Numerical solvability and solution of an inverse problem related to the Gibbs phenomenon, *International Journal of Computational Mathematics*, **2015**, (2015), ID 212860.
- [6] Haidar, N.H.S. On a finite asymptotic integral transform, *Journal of Inverse & Ill-posed Problems*, **19**, (2011), 429-451.
- [7] Haidar, N.H.S. A geometric note on integration, *Computers & Mathematics with Applications*, **59**(9), 3130-3136, 2010.
- [8] Haidar, N.H.S. On a randomized Romberg integration method, *Journal of Numerical Mathematics and Stochastics*, **1**(1), (2009), 11-23.

- [9] Haidar, N.H.S. Oscillatory spherical travelling-wave-type solutions to the cardiac BVP, *Numerical Functional Analysis and Optimization*, **30** (7–8), (2009), 751–772.
- [10] Haidar, N.H.S., Hamzeh, A.M., Hamzeh S.M., and El-Nakat, E. On martingales invoked by stochastic exponential and monomial densities, *Random Operators & Stochastic Equations*, **12** (4), (2004), 349-360.
- [11] Haidar, N.H.S. An amplitude spectral tonometer, *Computers & Mathematics with Applications*, **46** (5-6), (2003), 959-969.
- [12] Haidar, N.H.S. On an inverse filtration problem in the harmonic analysis of finite time records, *Journal of Inverse & Ill-posed Problems*, **10**(3), (2002), 243-259.
- [13] Haidar, N.H.S. A rational triplic form for the exponential, *Journal of Computational Analysis & Applications*, **4**(4), (2002), 389-404.
- [14] Haidar, N.H.S. Nonlinearly weighted L^1 -solvability of the first kind Fredholm integral equation, *J. Mathematical Analysis & Applications*, **245**(1), (2000), 69-86.
- [15] Haidar, N.H.S. WKB theory for sampled unfolding, *Communications on Applied Nonlinear Analysis*, **7**(3), (2000), 31-46.