ISSN 0511-5728
The West Indian Journal of Engineering
Vol.35, No.2, January 2013, pp.95-102

Microphone Placement for Tenor Pan Sound Recording: New Recommendations Based on Recent Research

Fasil Muddeen [a Ψ] and Brian Copeland [b]

Department of Electrical and Computer Engineering,, Faculty of Engineering, The University of the West Indies, St Augustine, Trinidad and Tobago, West Indies

[a]E-mail: Fasil.Muddeen@sta.uwi.edu
[b]E-mail: Brian.Copeland@sta.uwi.edu

[Ψ] *Corresponding Author*

(Received 05 October 2012; Revised 07January 2013; Accepted 18 January 2013)

Abstract: *The placement of recording microphones used for live recording, studio recording or sound reinforcement of a tenor steelpan is revisited using new research findings on the soundfield of the instrument. The new results were obtained using a technique called Nearfield Acoustical Holography (NAH). An analysis of the existing microphone techniques and the recommendations for new positions based on the soundfield information is made.*

Keywords: *Acoustics, Nearfield Acoustical Holography, Sound Intensity*