



Universidade Federal de Pernambuco
Centro de Informática

Improvements in Speaker Recognition using Fractional Covariance Matrix

Major Paper

Paper presented to the Graduate Program at Centro de Informática of Universidade Federal de Pernambuco as partial requirement for the degree in Computer Engineering.

Author: Eduardo Martins Barros de Albuquerque Tenório

Adiviser: Tsang Ing Ren, PhD

Reviser: George Darmiton da Cunha Cavalcanti, PhD

Recife
December 1, 2014

Signatures

This study, entitled *Improvements in Speaker Recognition using Fractional Covariance Matrix*, is the result of the academic work developed by student Eduardo Martins Barros de Albuquerque Tenório, under the guidance of prof. Tsang Ing Ren. The following people recognize this Major Paper and it's results.

Eduardo Martins Barros de Albuquerque Tenório

Tsang Ing Ren

George Darmiton da Cunha Cavalcanti

Recife
December 1, 2014

Acknowledgements

I am thankful to my parents, for the support and patience during the long graduation,

To my adviser, Tsang Ing Ren, for the guidance,

To Hector Pinheiro and Sérgio Renan Vieira, for helping me to understand the GMM.

TODO

—AUTOR (nota)

Abstract

TODO abstract

Keywords: TODO keywords