

Declaration

While I may have benefited from discussions with other people, I declare that this dissertation is my own, unaided work, except where appropriately documented acknowledgments and references to the literature are included. It is being submitted as fulfillment for the Degree for Master of Science to the University of the Witwatersrand, Johannesburg. It has not been submitted before for any degree or examination to any other University.

A handwritten signature in dark ink, appearing to read 'T. Ungani', is written over a horizontal line.

Tendani Patrick Ungani

February 16, 2015