

DECLARATION

I declare that this research report is my own, unaided work. It is being submitted for the degree of Doctor of Philosophy of Science in the University of the Witwatersrand, Johannesburg. It has not been submitted before for any degree or examination in any other University.

A handwritten signature in black ink, consisting of stylized, overlapping loops and strokes, positioned above a horizontal line.

Signature of candidate

26th March 2019