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**CERTIFICATE OF ORIGINALITY**

This is to certify that I am responsible for the work submitted in this thesis, that the original work is my own except as specified in acknowledgments or in footnotes, and that neither the thesis nor the original work contained therein has been submitted to this or any other institution for a higher degree.

*AB Edwards* ..... ( Signed )

*29<sup>th</sup> September 2000.* ..... ( Date )

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