

A study of $B \rightarrow K\pi$ decays with the LHCb experiment

Andrew Gordon Buckley
of King's College

A dissertation submitted to the University of Cambridge
for the degree of Doctor of Philosophy

Abstract

LHCb is a b-physics detector experiment which will take data at the 14 TeV LHC accelerator at CERN from 2007 onward...

Declaration

This dissertation is the result of my own work, except where explicit reference is made to the work of others, and has not been submitted for another qualification to this or any other university. This dissertation does not exceed the word limit for the respective Degree Committee.

Andy Buckley

Acknowledgements

Of the many people who deserve thanks, some are particularly prominent, such as my supervisor...

Preface

This thesis describes my research on various aspects of the LHCb particle physics program, centred around the LHCb detector and LHC accelerator at CERN in Geneva.

For this example, I'll just mention Chapter ?? and Chapter ??.

Contents

*“Writing in English is the most ingenious torture
ever devised for sins committed in previous lives.”*

— James Joyce

