PION NUCLEON SCATTERING
IN BCHPT COMBINED WITH $1/N_C$ EXPANSION

A Dissertation

by

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partial fulfillment of the requirements for the degree of

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This dissertation submitted by Dulitha Mahesh Jayakody Jayakodige in partial fulfillment of the requirements for the degree of Doctor of Philosophy at Hampton University, Hampton, Virginia is hereby approved by the committee under whom the work has been completed.

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ABSTRACT

Baryon Effective Theories and Phenomenology in the $1/N_c$ Expansion

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Abstract goes here

Dedicated to my parents.

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CHAPTER 1

INTRODUCTION TO PION NUCLEON

Science is a collection of empirically proven theories which can explain most of the natural phenomena.

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