SUDAN UNIVERSITY OF SCIE TECHNOLOGY



(See Apple Marchet edit - 2010)

COLLEGE OF HIGHER STUDIES

ARABIC BRAILLE RECOGNITION AND TRANSCRIPTION INTO VOICE AND TEXT

A Project Submitted in Partial Fulfillment for the Degree of M.Sc in Biomedical Engineering

Submitted By
Sami Fathi Ali Khalil

Supervisor **Professor\ Saad Daoud Suliman El Shamma**

بسم الله الرحمن الرحيم

SUDAN UNIVERSITY OF SCIENCES AND TECHNOLOGY

COLLEGE OF HIGHER STUDIES

ARABIC BRAILLE RECOGNITION AND TRANSCRIPTION INTO VOICE AND TEXT

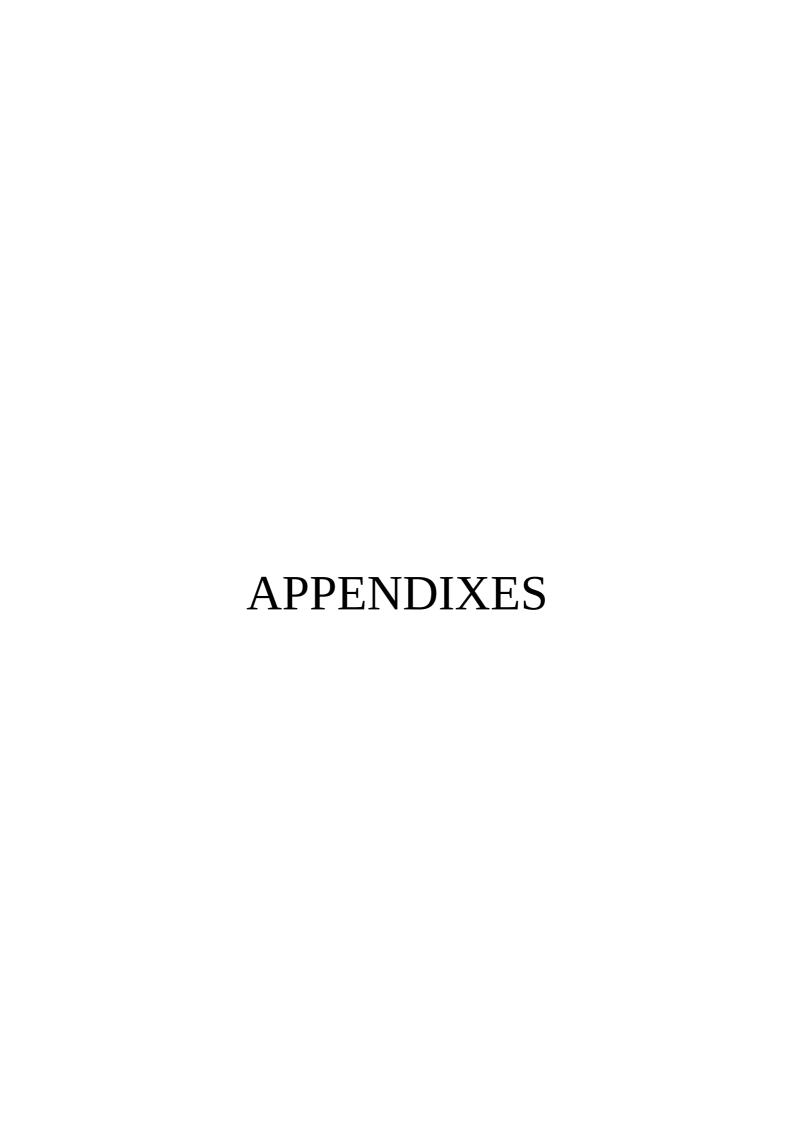
التعرف على لغة برايل العربية وترجمتها الى صوت ونص

A Project Submitted in Partial Fulfillment for the Degree of M.Sc in Biomedical Engineering

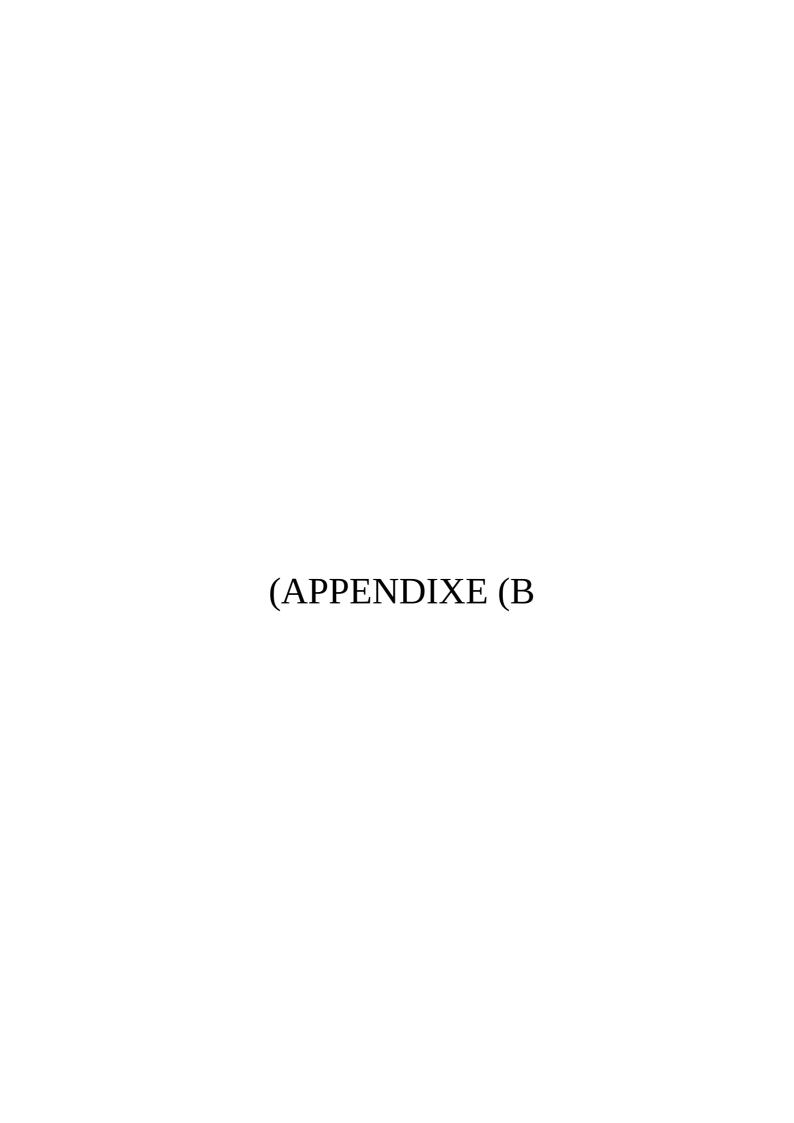
:Submitted By
Sami Fathi Ali Khalil

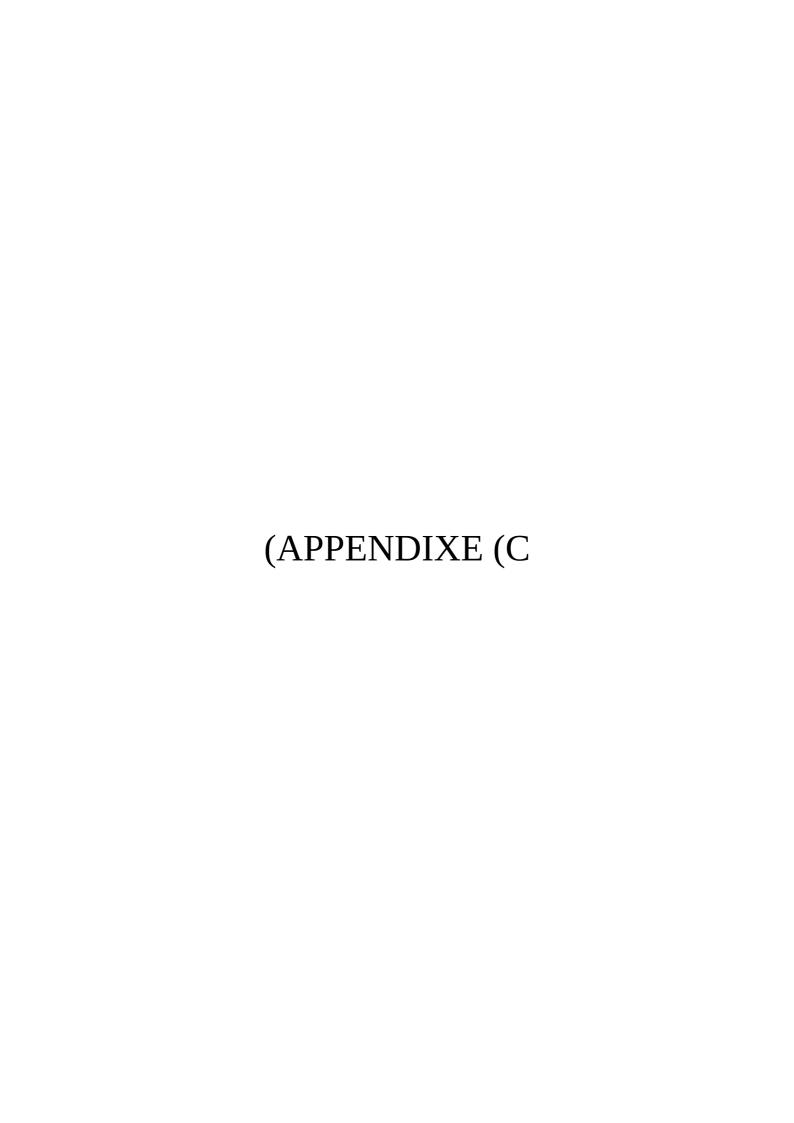
:Supervisor

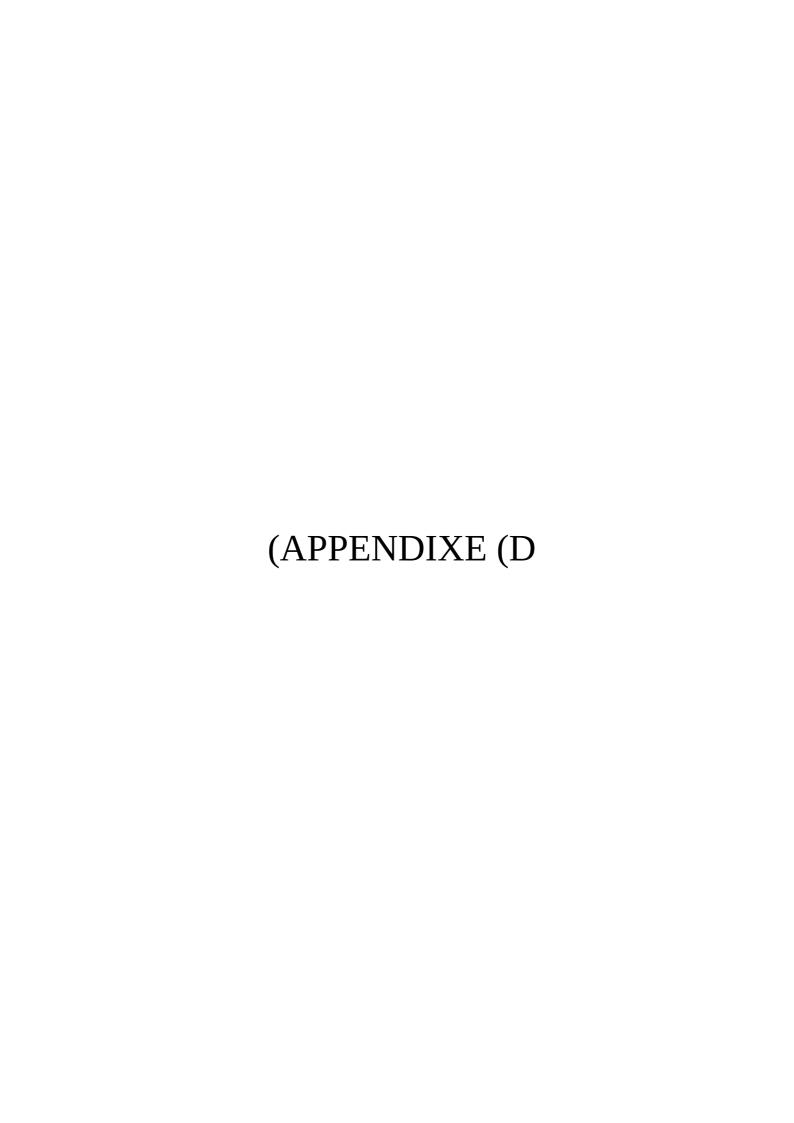
Professor\ Saad Daoud Suliman El Shamma



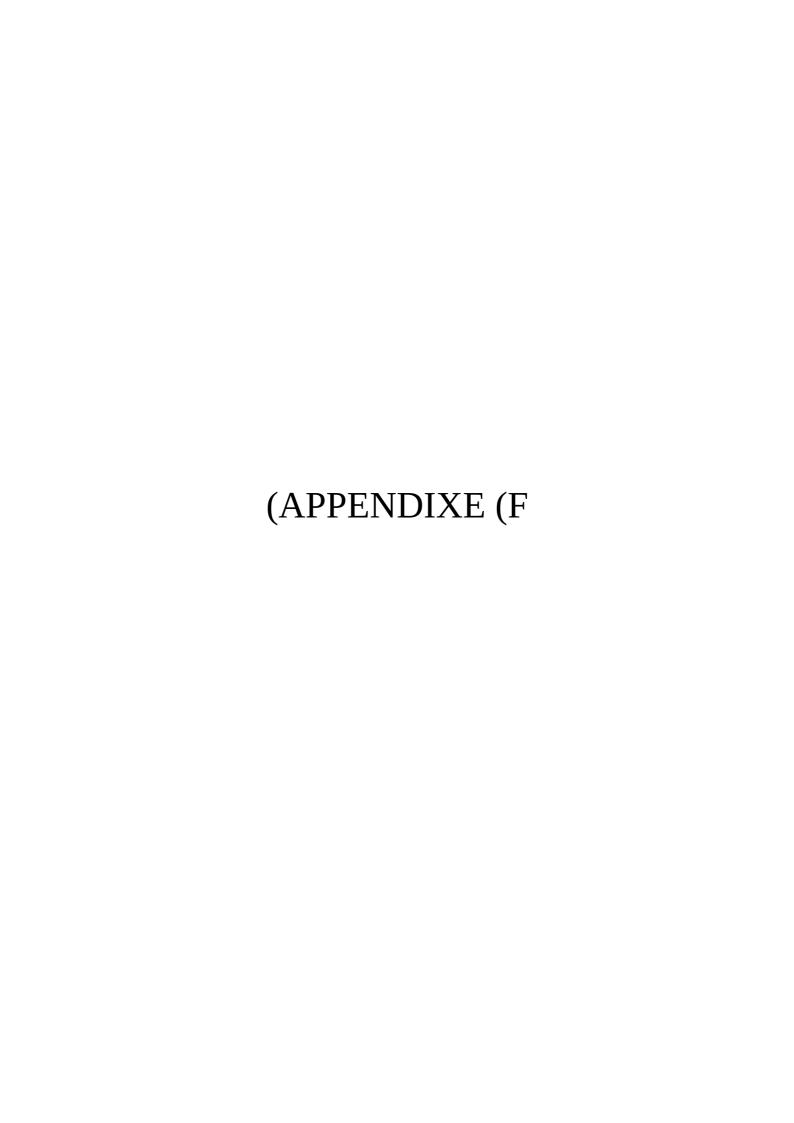












CHAPTER ONE INTRODUCTION

CHAPTER TWO LITERATURE REVIEWS

CHAPTER THREE METHODOLOGY

CHAPTER FOUR

RESULTS AND DISCUSSIONS

CHAPTER FIVE

CONCLUSION AND RECOMMENDATIONS