

QUANTITATIVE AND LOCAL CENTRAL LIMIT THEOREMS

ABSTRACT. asdf blah

1. INTRODUCTION

2. BACKGROUND

3. DESCENTS IN A PERMUTATION

4. 3-TERM ARITHMETIC PROGRESSIONS

4.1. **Experimental Results and Conjectures.**

4.1.1. *Continuous sets.*

5. GENERAL FRAMEWORK FOR NO LLT FOR OTHER R.V.'S

6. ATTEMPTS TO GET CLT OR LLT FOR $A_{n,k}$