

MATH 252 RESEARCH PAPER

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1. INTRODUCTION

The main theorem of this paper is as follows.

Theorem 1.1. *Math is fun, and*

$$\int \log x \, dx = \frac{1}{x} + C.$$

2. THE PROOF

See Cohen-Diaz y Diaz-Olivier [1] or Katok [2].

Lemma 2.1. *Put some important mathematics here!*

Remark 2.2. Less important stuff here.

REFERENCES

- [1] Henri Cohen, Francisco Diaz y Diaz, and Michel Olivier, *Constructing complete tables of quartic fields using Kummer theory*, Math. Comp. **72** (2003), no. 242, 941–951.
- [2] Svetlana Katok, *Fuchsian groups*, University of Chicago Press, Chicago, 1992.