

TEXAS A&M UNIVERSITY

RESEARCH PROJECT 1

Some Conjectures on Fibonacci Numbers

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October 18, 2015

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1 Introduction

The *Fibonacci sequence*, $\{F_n\}$, is defined as follows:

$$F_1 = 1, \quad F_2 = 1, \quad F_n = F_{n-1} + F_{n-2} \quad \text{for } n \geq 3.$$

2 Theoretical Analysis

3 Computational Approach

4 Results

5 Conclusion

6 Individual Contributions

7 References