

UNNECESSARILY COMPLICATED TITLE

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ABSTRACT.

1. INTRODUCTION

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Acknowledgements. Thanks Dr. Mukherjee

2. EXAMPLES

We will begin by looking at the widely known Hilbert Monoid. The monoid $M_{1,4}$ has the following factorizations for elements less than 100:

We can represent the above information graphically, where a 1 represents irreducibility and 0 represents reducibility, we produce the following graph of reducibility for the monoid:

3. POSSIBLE PERIODS

3.1. Regular ACMs.

3.2. Singular ACMs.

4. PERIODIC CASE

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