# Find the smallest range for the chromatic number of a graph

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#### Introduction

#### Methods

- 2.1 Greedy algorithm
- 2.2 Special cases
- 2.2.1 Bipartite
- $\mathbf{2.2.2} \quad \mathbf{Odd} \ \mathbf{cycle}$
- 2.2.3 Complete graph
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#### Results

#### Discussion

## Conclusion

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