

## 1 Preface

- Advisor
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## 2 Problem

- Mangler context, hvor er det henne?
- Kunne eventuelt skrive noget mere om Kociemba
- Noget konkret context
- Noget context med til det frste punkt af problem statement, men man kan ikke se det med det samme
- Mere tydeligt i tops and tails om der er context, skriv det helt konkret
- Flyt Upper bound grafen op til ??? (ikke problem analysis, men mske chapter 4) og ndre lidt i det frste punkt af problem statement
- Tag evt. en del af chap 9 med op
- Lav en problem analyse til at snvre indledningen ind til problem statement.
- Hvad er formlet med projektet
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Nu snakker Heather

- Parts of community, use groups instead
- God's algorithm, evt. italic
- Moving -i developping
- Noget galt til sidst i indledning
- Parts in limitations, what is it?
- Given -i chosen.
- page 7: both top and introduction, why? Maybe kill
- remove intro in chap 3
- page 8: hails - kill!! change to originate
- page 9: elaborate later -i below

- Similarities between magic cube and rubiks cube. State them!
- Permutations state similarities between and magic puzzle and rubiks cube
  - The picture.
- page 11: Explain how Erno was inspired by the magic puzzle
- Cubie needs to be defined.
- page 14: using caps, watch it!
- p 19:

### 3 Theory

- p. 39: tail, use namely and ref to implementation part
- Perhaps use graph and group as context
- How has it been used earlier
- Add it to tops and tails

### 4 Implementation

- Choices prior: change ref til prob. limit til at have det inline.
- Relate the tail to twist-wise community
- How does our choices relate to this community
- We position us in the technical community
- We make a contribution to the community in the form of analysis of the two algorithms
- Only refer back, don't tell the reader to read it.

Anders:

- Statistics of Beginners: Elaborate, graphs, time
- Stats Kociemba: Elaborate, look at twist, change the header, describe  $R^2$

## 5 Epilogue

- What does the improvements do, Move to perspective/future work which is after conc
- Conclusion: Second question, is it important/interesting?
- Has anyone ever compared Kociamba to beginner's?
- In problem analysis descibe that we are interested in the two algos and maybe remove second question in problem statement.
- Upper and lower bound – Define! – should be done already.
- Refer back to the report, but no citations!
- Present the results from our tests, perhaps add to problem statement as well
- Maybe combine question 2 and 3
- Elaborate on the different algorithms there exists

## 6 What to do

See Heather's paper.