TODO: WRITE A NICE TITLE!

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1 Introduction

TODO: Talk a little bit about the classic tic-tac-toe, who invented, a little bit of history, that kind of stuff.

Then, talk a little bit about the ultimate version of the game, why it's interesting to study it, and stuff like that. Remember: $3^8 1$.

2 Game Rules

TODO: Talk about the rules of the game

3 Related Work

Talk a little bit about the related works.
That paper that the authors showed the equivalency classes of the board.
There is also the AI's available online.
And maybe more...

4 Payoff Table

Probably I'm going to define more than one payoff table.
Talk about the tables, why I chose the payoffs described in which one of them.

5 AI

5.1 Alpha-Beta Prunning v1

With the first function for the A^*.

5.2 Alpha-Beta Prunning v2

With the second function I defined for the A^*.

6 Experiments

Show the experiments comparing the results

7 Future Work

For now, there is just the monte carlo tree search.
Maybe create more payoff tables.

8 Conclusion