



## Artificial Intelligence –AlphaGo Zero–

### PLAN

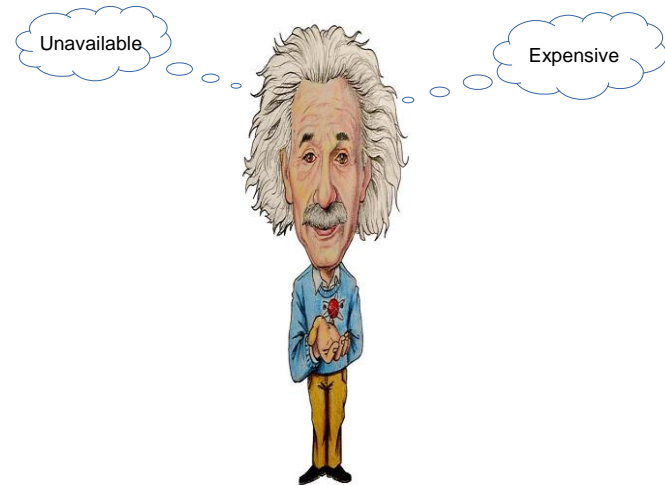
- Introduction
- The Go Game
- AlphaGo Zero
- AlphaGoZero VS AlphaGO
- Monte Carlo Tree Search
- Conclusion

## Introduction



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## Introduction



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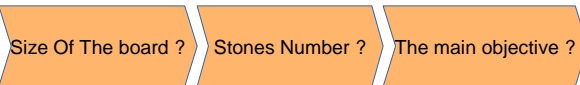
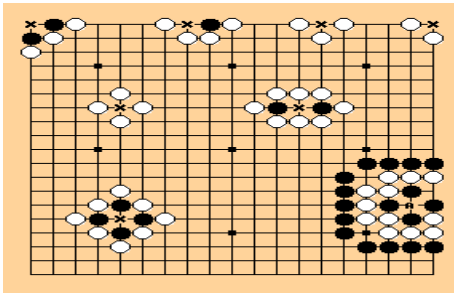
## Introduction



## The Go Game



## Description Of The Board



## How To Play GO ?

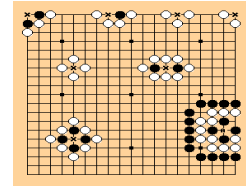
Step1 :Place a black stone

Step2 :Your opponent place a white stone

Step3 :Take turns, Try to place your stones adjacent

Step4 :Play until neither you nor your opponent can capture any more territory

Step5 :Tally the score ,1 point for surrounded territory and 1point for captured stone



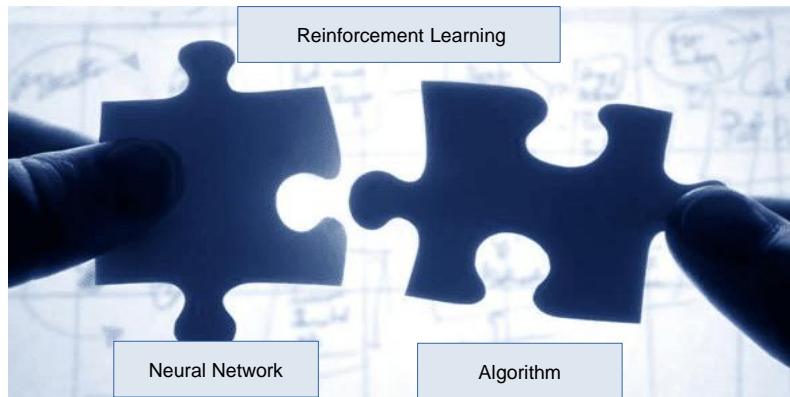
What is AlphaGo Zero ?



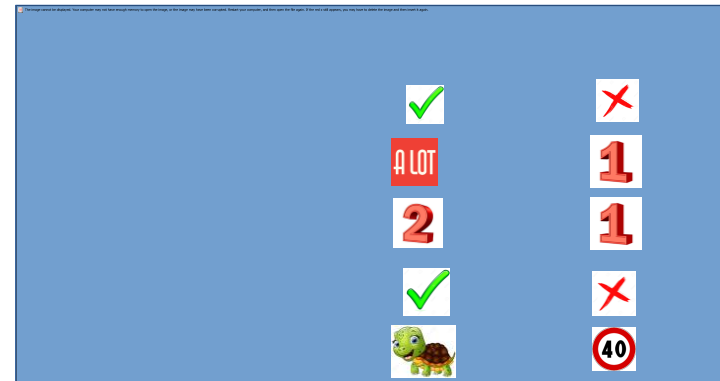
What makes AlphaGo Zero special ?



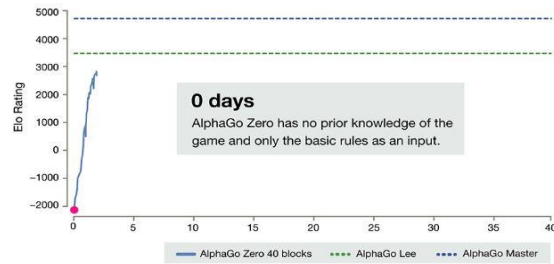
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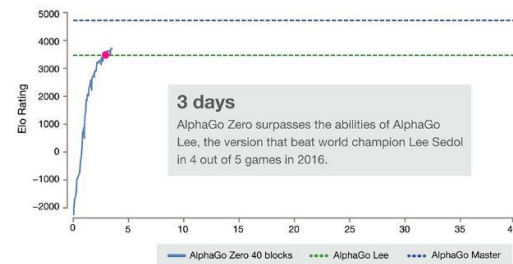
## AlphaGo Vs AlphaGo Zero



## Cycle Of Evolution Of AlphaGo Zero



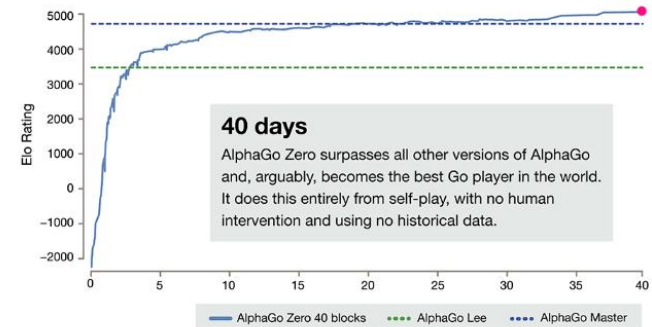
## Cycle Of Evolution Of AlphaGo Zero



## Cycle Of Evolution Of AlphaGo Zero



## Cycle Of Evolution Of AlphaGo Zero





## Monte Carlo Tree Search

