

Mastering the game of Abalone using deep reinforcement-learning and self-play

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Declaration of authorship

I hereby declare that I have written this thesis independently without any help from others and without the use of documents or aids other than those stated. I have mentioned all used sources and cited them correctly according to established academic citation rules.

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Signature

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0.1 System architecture

0.1.1 Training framework

As there are existing frameworks that have implemented the system described in the AlphaZero paper in a more general and adaptable fashion, it has to be considered building on their foundation.