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Survey and enhancements on deploying LSTM recurrent neural networks on embedded systems

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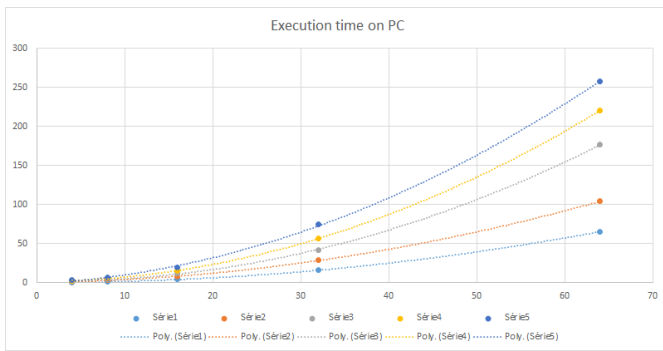


Fig. 2: Simple representation of case II

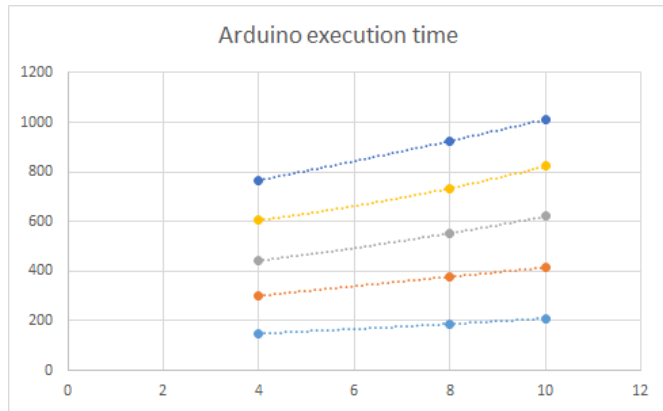


Fig. 3: Simple representation of case II

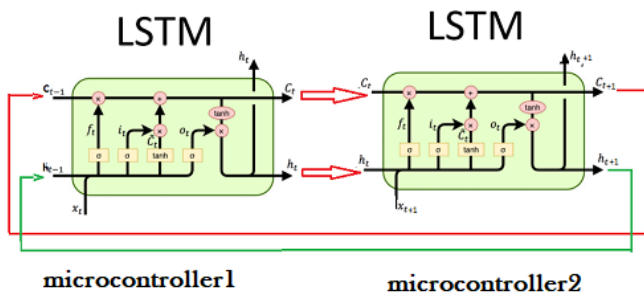


Fig. 4: Simple representation of case II

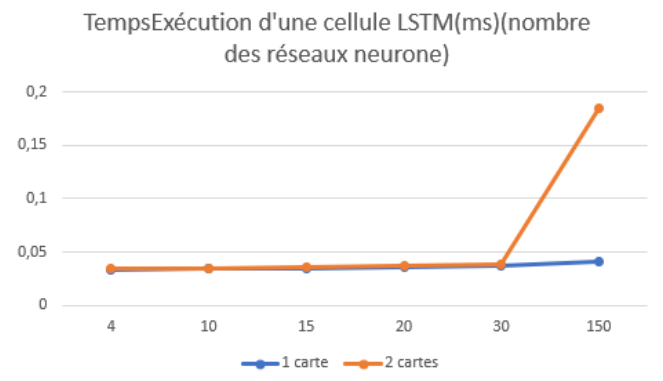


Fig. 6: execution time comparison

V. CONCLUSION AND FUTURE WORK

This paper presents a first approach to learn optimization ILP

A second deep learning based RL architecture is used and compared to the first one. It is based on deep LSTM networks. It learns faster than Q learning and reaches 80% of good actions.

Our fu

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