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# Reproducing Generalizing Hamiltonian Monte Carlo with Neural Network

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**Samuel Laferrière**

Montreal Institute for Learning Algorithms  
Université de Montréal  
Montréal, QC H3T 1N8  
samuel.laferriere.cyr@umontreal.ca

**Joey Litalien**

Department of Electrical Engineering  
McGill University  
Montréal, QC H3A 0E9  
joey.litalien@mail.mcgill.ca

## Abstract

We present reproducible examples for [1].

## 1 Paper Summary

### 1.1 Motivation

### 1.2 Proposed approach

## 2 Experiments

### 2.1 Motivation for the experiments

### 2.2 Reproducing the main results

## 3 Discussion

## References

- [1] Daniel Levy, Matt D. Hoffman, and Jascha Sohl-Dickstein. Generalizing Hamiltonian Monte Carlo with Neural Networks. In *International Conference on Learning Representations*, 2018.