# Combining Genetic Algorithms with Physical Simulation

## Guillaume Labranche COMP-521 McGill University

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## 1 Introduction

TODO

### 2 Fitness Measurement

#### 2.1 Vehicles

TODO Physical simulation, rigidbody2D, weight, etc.

#### 2.2 Terrain

TODO procedural generation etc.

#### 3 Evolution

https://en.wikipedia.org/wiki/Geneticoperator

#### 3.1 Selection

TODO

## 3.2 Crossover

TODO

## 3.3 Mutation

TODO

## 4 Conclusion

TODO