

Articles

January 19, 2021

1 Introduction

This document is filled with different articles that we found interesting and wanted to bookmark for the future.

2 Articles

2.1 Mathematics

The Most Dangerous Equation, <http://assets.press.princeton.edu/chapters/s8863.pdf>

- A paper about De Moivre's equation on the standard deviation of the sampling distribution of the mean. The equation shows the relation between sample size and variance.

2.2 Better Code

Seven Ineffective Coding Habits of Many Programmers, <https://www.youtube.com/watch?v=ZsHMHukIJY>

- An Istanbul Tech Talks talk about tips and refactoring steps on reducing code complexity.

2.3 Machine Learning

Avoiding side effects in complex environments, <https://www.lesswrong.com/posts/5kurn5W62C5CpSWq6/avoiding-side-effects-in-complex-environments>

- How reward functions can be modified to avoid trickery.

Gaussian processes for dummies, <http://katbailey.github.io/post/gaussian-processes-for-dummies/>

- "[A] very basic intro to Gaussian Processes".

Random Search for Hyper-Parameter Optimization, <https://jmlr.csail.mit.edu/papers/volume13/bergstra12a/>

- Why random search is better than grid search for finding good Hyper-Parameter configurations.

2.4 Productivity/Enterprise

The makersschedule, <http://www.paulgraham.com/makersschedule.html>

- A blog post about the differences in schedule between makers and managers.

2.5 Papers I still want to read

Cognitive Complexity, <https://www.sonarsource.com/docs/CognitiveComplexity.pdf>

- A white paper about "[a] new way of measuring [the] understandability" of your code automatically.

References