Untangling Knots Through Curver Repulsion

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Abstract

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Contents

1 Introduction

Placeholder Text for Introduction
Something [3]
Also this [1]
Also ATAP [2]

Part I
Curve Energy Reduction via Gradient Flow

Part II
Functional Reduction to Function Reduction

References

[1] Gregory Buck and Jeremey Orloff. "A simple energy function for knots". In: *Topology and its Applications* 61.3 (Feb. 1995), pp. 205–214. DOI: 10.1016/0166-8641(94)00024-w.

[2] Lloyd N. Trefethen. *Approximation Theory and Approximation Practice*. Extended Edition. Philadelphia, Pa: SIAM, 2020.

[3] Chris Yu, Henrik Schumacher, and Keenan Crane. "Repulsive Curves". In: *ACM Transactions on Graphics* 40.2 (Apr. 2021), pp. 1–21. DOI: 10.1145/3439429.