# Elastic Full Procrustes Means for Sparse and Irregular Planar Curves

## Master Thesis

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# 1 Basics Write-Up

We want to estimate the mean shape of a set of planar curves $y_1, \ldots, y_n : [0,1] \to \mathbb{C}$. Consider the following model for independent curves

$$Y_i(t_{ij}) = \mu(t_{ij}, \mathbf{x}_i) + E_i(t_{ij}) + \epsilon(t_{ij}), \quad j = 1, \ldots, D_i, \, i = 1, \ldots, n, \tag{1}$$

# A   Appendix

This is an appendix for additional stuff and stuff.

# References

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