# Notes on Compressed Sensing

compiled by D.Gueorguiev , 4/28/2024

## Introduction

In many practical problems we need to infer quantities of interest from measured information.

## References

[Compressed Sensing, David L. Donoho, Stanford U., 2004](https://github.com/dimitarpg13/spectral_analysis/blob/main/literature/articles/compressed_sensing/CompressedSensingDonoho2004.pdf)

[Mathematical Introduction to Compressed Sensing, Simon Foucart, Holger Rauhut, Springer, 2010](https://github.com/dimitarpg13/spectral_analysis/blob/main/literature/articles/compressed_sensing/MathematicalIntroductionToCompressedSensingRauhut.pdf)