BMEN4894 Biomedical Imaging Group Project Fourier Reconstruction

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1 Introduction

2 Methods

$$G(\omega_s, \theta_n) = F_{s,1}\left(g\left(s, \theta_n\right)\right) = \int_{-\infty}^{\infty} g(s, \theta_n)e^{-i\omega s}\,\mathrm{d}s \tag{1}$$

3 Analysis

3.1 Number of Projections

3.2 Image Size

3.3 Different Interpolation Schemes

3.4 Noise Tolerance

3.5 Resolution Limits

Your text goes here.

3.6 A subsection

More text.