**ISyE 6404A – Presentation Sequence for Wavelets**

1. Problem/Data
2. Wavelet bases (Family and (location, scale))
3. Multi-Resolution Analysis
4. DWT, I-DWT (data reconstruction) and CWT
5. Definition/Purposes of Data/Signal Compression, Denoising and Reduction
6. Methods for (5)
7. Decisions Based on “Reduced-Size Data”