DSAA Mid 2

- ✅ Discrete Fourier Transformation
- ✅ Continuous Fourier Transformation
- ✅ Fast Fourier Transformation
- ✅ 2D Fast Fourier Transformation
- ✅ Convolution Theorem
- ✅ Circular Convolution
- ✅ Moving Average Filter
- ✅ Leaky Integrator
- ✅ Short Time Fourier Transformation
- ✅ Run Length Encoding
- ✅ Huffman Coding
- ✅ Arithmetic Coding
- ✅ LZW Coding

- Prefix Encoding
- Compression Ratio
- Huffman needs Dictionary (Standardised)
- Arithmetic Coding performs better than Huffman Coding
- In LZW Coding make sure not to err while decoding. (Current Next Output Dictionary)

- DFT Equation
- IDFT Equation
- That one example.
- Box to Sinc
- CFT Equation
- FFT Derivation
- 2DFT Equation
- Convolution Theorem Proof