Guidelines for Final Project

• Requirements for 64-point R2²SDF
  – Dynamic range for input data : [-4 4]
  – Number of bits for input data : 10~14
  – Number of bits for input data : Designer-defined (at least 10 bits)
  – Number of bits for twiddle factor : Designer-defined
  – SQNR $\geq$ 50dB

• Evaluation Equation :
  \[
  \text{Score} = \text{Area} \times (\text{Clock period})^2 \times \text{Output_total_bits}
  \]
  – The lower score, the higher performance. ^^