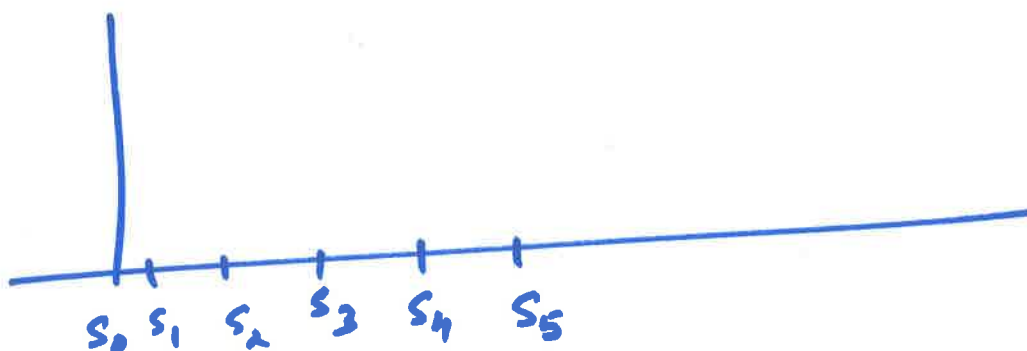


CSE  
535

①

8/30/17



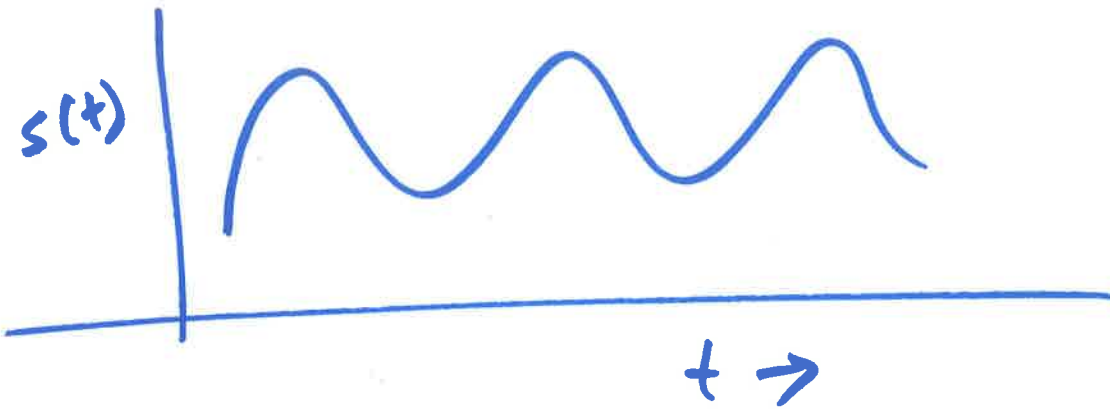
reduces  
→ noise

$$S'_5 = \left[ \frac{s_5 + s_4 + s_3 + s_2 + s_1 + s_0}{6} \right]$$

$$S'_6 = \frac{s_6 + s_5 + s_4 + s_3 + s_2 + s_1}{6}$$

$$S'_5 = \frac{\omega_1 s_5 + \omega_2 s_4 + \omega_3 s_3 + \dots}{\sum_{i=1}^6 \omega_i}$$

2



$$\sum a_k \sin(\omega_k t + \phi_k)$$

||

Fourier Analysis

