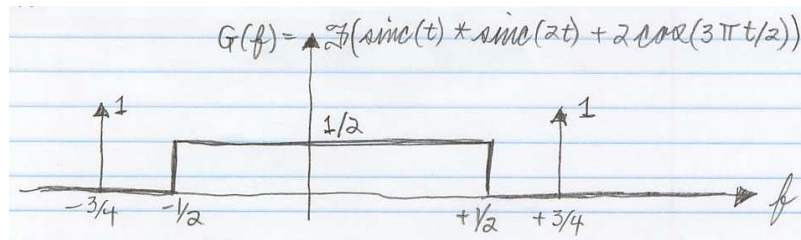


Answers to EEE311 First Midterm AY2018-2019

- 23.9794 dBm.
- (a) Power signal of power 8.  
(b) Energy signal of energy  $\frac{1}{4a}$ .
- (a)  $P_x = 15.2325 \text{ V}^2$ .  
(b) Bandwidth  $\equiv 3 \text{ kHz}$ .
- 



- $R_{xy}(-1) = 1/2$ .