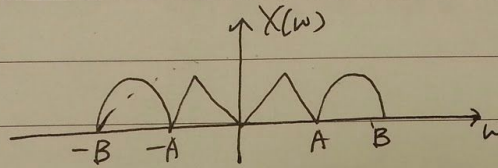


ECE 301 Quiz 5.

7/22 (Wed)

Quiz 5.

Briefly state the condition of the sampling rate to achieve perfect reconstruction, given $X(\omega)$.



(one sentence or one equation is enough)

ANSWER : $\omega_s > 2B$ or $f_s > \frac{2B}{2\pi}$: 5 pts

($\omega_s \geq 2B$ or $f_s \geq \frac{2B}{2\pi}$) : 5 pts