

Quiz #4

Jan. 08, 2015

Student ID: _____ Name: _____ Department: _____

1. Consider a right-sided sequence $x[n]$ with the following z-transform:

$$X(z) = \frac{2 - 3.5z^{-1} + 2.5z^{-2} - 0.5z^{-3}}{1 - 1.5z^{-1} + 0.5z^{-2}}.$$

Determine the sequence $x[n]$.

Answer: