ADL - Lista 3 - Gabarito

December 4, 2013

1 Questão 1

a) $y(k) = -\frac{2}{3}5^k + \frac{5}{3}2^k$

b) $y(k) = 3^k(1-k)$

c) $y(k) = 2^{\frac{k}{2}}\sin(\frac{\pi K}{4})$

d) $y(k) = $???

e) $y(k) = \frac{23}{16} - \frac{1}{4}3^k - \frac{3}{16}5^k + \frac{1}{20}k5^k$

f) $y(k) = 9 \cdot 4^k - 1$

g) $y(k) =$???