

UNIDAD PROFESIONAL INTERDISCIPLINARIA EN
INGENIERÍA Y TECNOLOGÍAS AVANZADAS

GRÁFICAS DE FUNCIONES EN TIEMPO DISCRETO

Procesamiento Digital de Señales

Alumno:

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Anselmo

Grupo: 2TV4

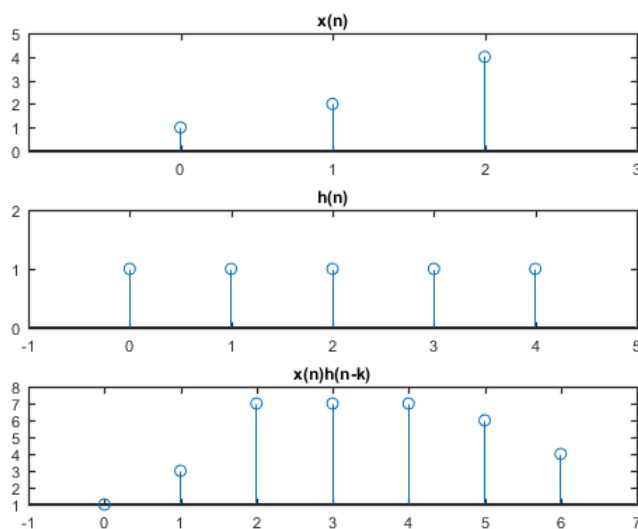
Profesor:

Bermudez Sosa Jose Alfredo

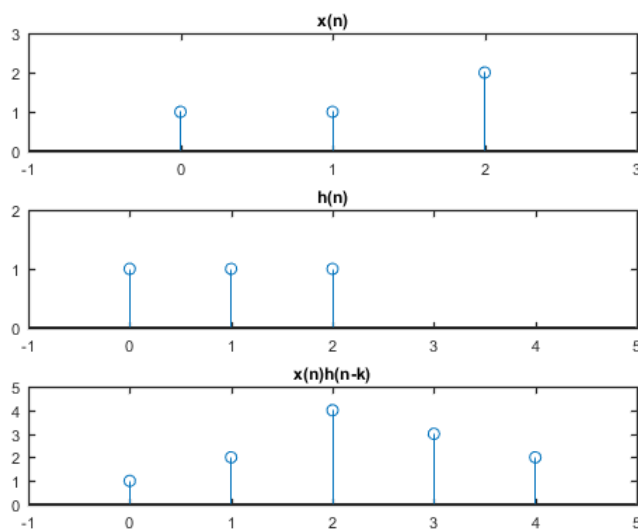
04/09/2017

1. Gráficas

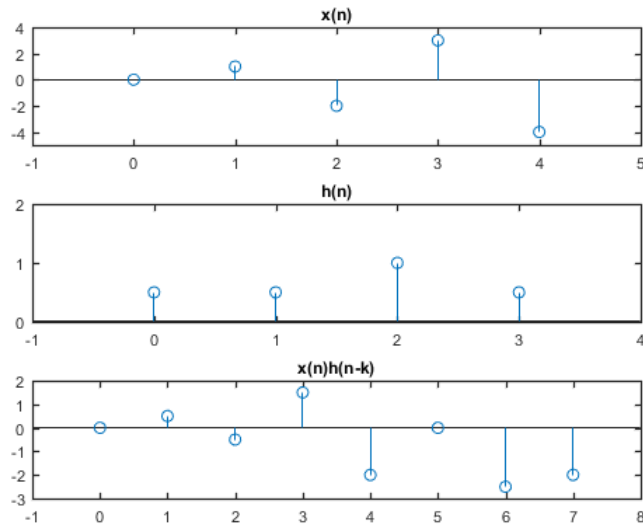
$$x(n) = \{1, 2, 4\} \quad h(n) = \{1, 1, 1, 1, 1\} \quad (1)$$



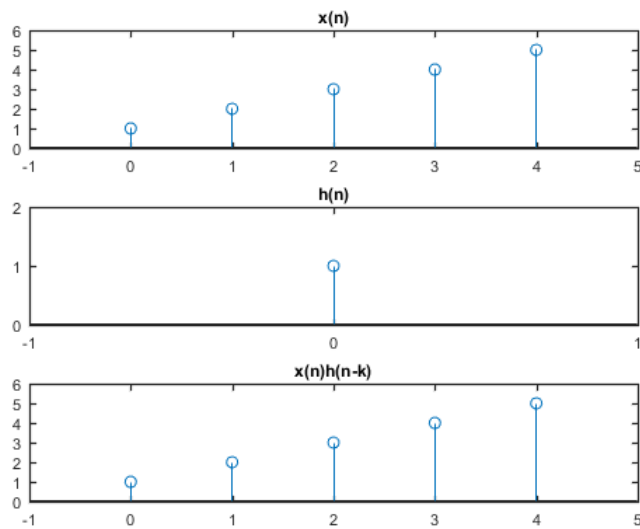
$$x(n) = \{1, 2, -1\} \quad h(n) = x(n) \quad (2)$$



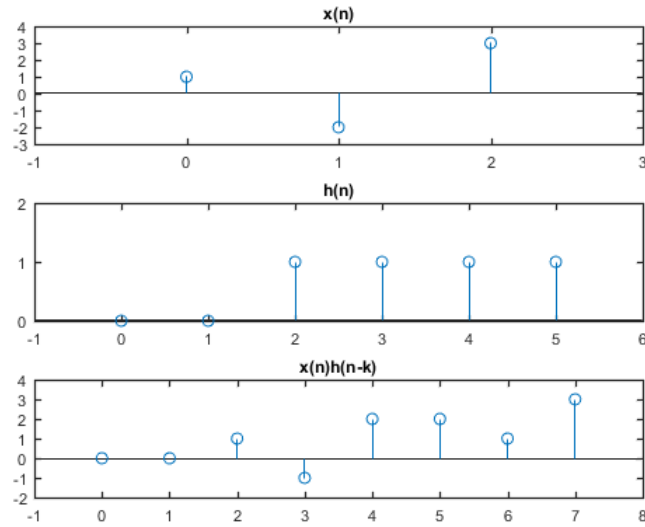
$$x(n) = \{0, 1, -2, 3, -4\} \quad h(n) = \left\{\frac{1}{2}, \frac{1}{2}, 1, \frac{1}{2}\right\} \quad (3)$$



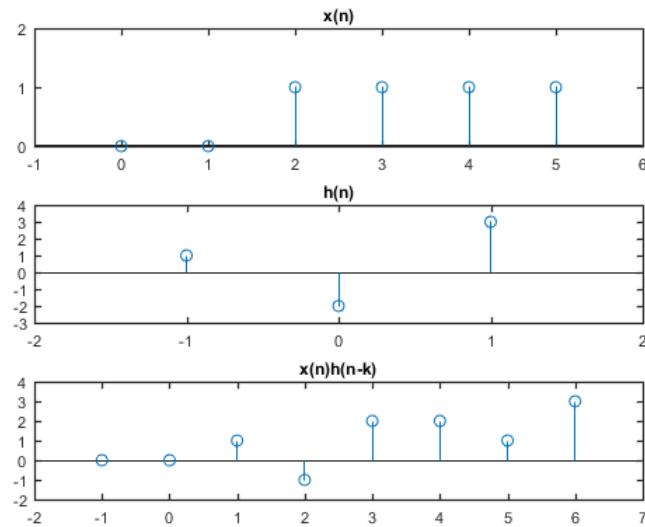
$$x(n) = \{1, 2, 3, 4, 5\} \quad h(n) = \{1\} \quad (4)$$



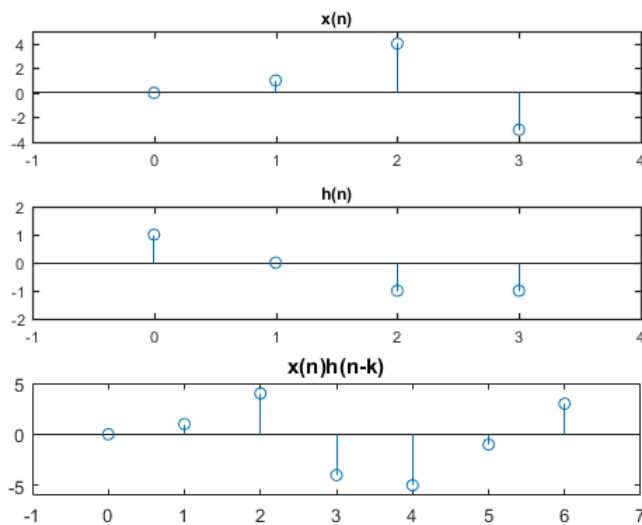
$$x(n) = \{1, -2, 3\} \quad h(n) = \{0, 0, 1, 1, 1, 1\} \quad (5)$$



$$x(n) = \{0, 0, 1, 1, 1, 1\} \quad h(n) = \{1, -2, 3\} \quad (6)$$



$$x(n) = \{0, 1, 4, -3\} \quad h(n) = \{1, 0, -1, -1\} \quad (7)$$



$$x(n) = \{1, 1, 2\} \quad h(n) = u(n) \quad (8)$$

